

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)	RATING DO C9	PPC	PAGE 1 OF 3120
2. CONTRACT NO. NNM08AA54C		3. EFFECTIVE DATE JUL 01 2008	4. REQUISITION/PURCHASE REQUEST/PROJECT NO. 4200223562		
5. ISSUED BY Procurement Office National Aeronautics and Space Administration George C. Marshall Space Flight Center Marshall Space Flight Center, AL 35812		CODE MGC/PS33	6. ADMINISTERED BY (If other than Item 5) NASA/Marshall Space Flight Center Attn: PS32/Anna Stovall Marshall Space Flight Center, AL 35812 (256) 544-0741		

7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, country, State and ZIP Code) EG&G Technical Services, Inc. Attn: Gary Dylewski 9950 Federal Drive, Suite #300 Colorado Springs, CO 80921		8. DELIVERY ☐ FOB ORIGIN ☒ OTHER (See below) 9. DISCOUNT FOR PROMPT PAYMENT Net 30 10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN

CAGE CODE: 3H110	VENDOR CODE: 125	IN: ITEM 12
11. SHIP TO/MARK FOR Central Receiving, Building 4631 National Aeronautics and Space Administration George C. Marshall Space Flight Center Marshall Space Flight Center, AL 35812 Attn: James "Keith" Sharp/AS24		12. PAYMENT WILL BE MADE BY NSSC - FMD Accounts Payable BLDG #1111, C. Road Stennis Space Center, MS 39529 e-mail: NSSC-AccountsPayable@nasa.gov fax: 1-866-209-5415

13. AUTHORITY FOR USING OTHER THAN FULL & OPEN COMPETITION: ☐ 10 U.S.C. 2304(c) () ☐ 41 U.S.C. 253(c) ()	14. ACCOUNTING AND APPROPRIATION DATA

15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
	Center Operations Support Services as identified in B.1				

**APPROVED:
PROCUREMENT OFFICE**

15G. TOTAL AMOUNT OF CONTRACT **>**

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CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. ☒ CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 3 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (attachments are listed herein.)	18. ☐ AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number , including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary

19A. NAME AND TITLE OF SIGNER (Type or print) Robert D. Miller - Director Business Operations		20A. NAME OF CONTRACTING OFFICER (Type or print) David A. Losco	
NAME OF CONTRACTOR EG&G Technical Services, Inc.	19C. DATE SIGNED 5/9/08	20B. UNITED STATES OF AMERICA David A. Losco	20C. DATE SIGNED MAY 29 2008
BY Robert D. Miller (Signature of person authorized to sign)		BY David A. Losco (Signature of Contracting Officer)	

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SECTION B
SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 SUPPLIES AND/OR SERVICES TO BE FURNISHED

- A. The purpose of this contract is to acquire a broad range of Center Operation Support Services (COSS) for the Marshall Space Flight Center (MSFC). This performance-based contract provides two basic methods for the acquisition of these services.
1. The first method is Firm Fixed Price (FFP) Lump Sum. Under this method, the Contractor is required to furnish all the services listed in each part of Attachment J-1, Performance Work Statement (PWS) identified as Lump Sum. The services to be provided on a Lump Sum basis are subject to the "Variation in Quantity" clause which is set forth in Clause F.2.
 2. The second method for acquiring services is through the use of an Indefinite Delivery Indefinite Quantity (IDIQ) provision. Work under the IDIQ portion will either be FFP, Prepriced Work (PPW), or Time and Materials (T&M). The purpose of this provision is to allow the Government to acquire indefinite services as addressed under Attachment J-1. IDIQ requirements cannot be adequately defined for inclusion in the Lump Sum portion of the contract. These IDIQ services are not subject to Clause F.2, "Variation in Quantity."
- B. The Contractor shall provide all resources, including management, supervision, labor, materials, tools, and equipment (except as may be expressly stated in this contract as made available by the Government) necessary to provide COSS in accordance with the Description/Specifications/Work Statement in Attachment J-1.

(End of Clause)

B.2 GENERAL

This contract is a performance-based contract containing FFP Lump Sum and FFP, PPW, or T&M IDIQ work. This contract is for a one-year base period and four 1-year option periods. The contract includes a Schedule of Prices from which deductions shall be taken for work that is not performed or does not meet the requirements specified. All work shall be performed under the terms and conditions of this contract as either FFP Lump Sum or as IDIQ.

A. FFP Lump Sum Work

Work that can be identified in advance, both in sufficient detail and quantities, and for which a fair and reasonable price can be obtained is identified as FFP Lump Sum work, henceforth identified as Lump Sum work. Lump Sum prices include all overhead, G&A, profit, and anything else that applies to delivering the services listed in the "Schedule of Prices for Lump Sum Work," located at the end of this section. Lump Sum work in this contract includes all work identified in each part of Attachment J-1 as Lump Sum work and is subject to the deductions determined by the Performance Requirements Summary (PRS) in conjunction with the Schedule of Prices and the Consequences of Contractor's Failure to Perform Required Services Clause in Section E. All work specified as Lump Sum is not subject to the application of a coefficient factor (addressed in Clause B.5).

B. Indefinite Quantity (IDIQ) Work

Work that is of a recurring nature but cannot be sufficiently identified or quantified in advance is identified as IDIQ work. IDIQ work includes all work identified as IDIQ in Attachment J-1. IDIQ will be issued as either FFP, PPW, or T&M. FFP may be based on Unit Price Book labor hours, fixed bare labor rates, and materials, or a combination of these with Specialty Services and/or PPW. Specialty Services may be stand-alone FFP work. T&M work will be limited to those instances where the Government decides that work cannot be adequately defined at any time during the work process to develop a FFP cost estimate. See Clause B.5, for applicable coefficients. IDIQ shall be ordered in accordance with Federal Acquisition Regulation (FAR) clauses I.4 Ordering, I.5 Order Limitations, I.6 Indefinite Quantity, and B.4 Ordering Procedures.

The guaranteed minimum quantity of work that will be ordered under the IDIQ portion of this contract shall be \$1,000,000 per contract year. The maximum amount, not-to-exceed (NTE), of IDIQ work the Government may order is the IDIQ ceiling dollar value for the contract base period and option periods as listed below:

CEILING VALUE

Base Period	\$18,000,000
Option Period 1	\$25,000,000
Option Period 2	\$25,000,000
Option Period 3	\$25,000,000
Option Period 4	\$25,000,000
TOTAL	\$118,000,000

The Government is not obligated to place any orders under this contract for IDIQ work except for the guaranteed minimum stated above. If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable price adjustment.

(End of Clause)

B.3 SCHEDULE OF PRICES

- A. The total firm fixed price of all Lump Sum work contained in Attachment J-1 is delineated in the "Schedule of Prices for Lump Sum Work," located at the end of this section, for the base year and each of the four option years. When there is a difference between a unit price and the extended total amount, the unit price is held to be the intended price and the total amount will be calculated accordingly. The "Schedule of Prices for Lump Sum Work" is in Microsoft Excel spreadsheets (reference Clause B.9).
- B. IDIQ price schedules for the base year and each of the four option years utilizing Microsoft Excel spreadsheets titled "Schedule of Prices for Prepriced Work," "Schedule of Prices for Coefficients," and "Schedule of Prices for Fixed Bare Labor Rates" are located at the end of this section (reference Clause B.9).
- C. The total estimated not-to-exceed amount for performance of all work for the applicable price is as follows and shall not be exceeded without prior written approval of the Contracting Officer.

<u>PERIOD COVERED</u>	<u>LUMP SUM AMOUNT</u>	<u>NTE IDIQ AMOUNT</u>	<u>TOTAL ESTIMATED NOT-TO-EXCEED</u>
Base Period: 7/1/08 - 6/30/09	(b)(4)	\$18,000,000	(b)(4)

Total not-to-exceed price for each option year is set forth below:

<u>PERIOD COVERED</u>	<u>LUMP SUM AMOUNT</u>	<u>NTE IDIQ AMOUNT</u>	<u>TOTAL ESTIMATED NOT-TO-EXCEED</u>
Option Year 1 7/1/09 - 6/30/10	(b)(4)	\$25,000,000	(b)(4)
Option Year 2: 7/1/10 - 6/30/11		\$25,000,000	
Option Year 3: 7/1/11 - 6/30/12		\$25,000,000	
Option Year 4: 7/1/12 - 6/30/13		\$25,000,000	

(End of Clause)

B.4 IDIQ ORDERING PROCEDURES

- A. The Contracting Officer shall issue all IDIQ work under this contract. As required, blanket Delivery Orders (DOs) shall be issued to establish a dollar value ceiling for issuance of Facility Work Requests (FWRs). Technical monitors, appointed by the Contracting Officer, shall direct the issuance of FWRs to request and schedule specific services under \$500,000. All FWRs shall be subject to the review and approval of the Contracting Officer's Technical Representative. Delivery Orders will be issued on OF 347 - Order for Supplies or Services, and FWRs will be issued on Form 199, Facility Work Request.
- B. Emergency requests may be issued by oral communication with established not-to-exceed values, where written confirmation will follow within 72 hours. Upon written confirmation, the Contractor shall follow the IDIQ procedures outlined in Attachment J-1, Paragraph 1.6.

(End of Clause)

B.5 IDIQ WORK**A. PREPRICED - IDIQ WORK**

The Contractor shall perform any and all functions specified in the PWS as Prepriced for the amounts offered in the Clause B.9 Microsoft Excel spreadsheet titled "Schedule of Prices for Prepriced Work," (reference Clause B.9) for the base and each option year, included at the end of this section. The Contractor shall prepare proposals in accordance with the provisions of Attachment J-1, Paragraph 1.6 for Prepriced IDIQ work. Prepriced work includes all costs, direct and indirect, including labor, materials, tools, and special equipment, overhead, G&A, and profit, to provide one unit of work-in-place, as listed on the "Schedule of Prices for Prepriced Work" (reference Clause B.9).

B. COEFFICIENT FACTOR – FFP IDIQ

The Contractor shall perform any and all Unit Price Book, Fixed Labor Rate, and Specialty Services specified in the PWS, on individual FWRs or DOs, against this contract for the bare cost specified, multiplied times an applicable coefficient factor described and explained below. As used herein, bare costs means the amount agreed to or determined in accordance with the provisions of Attachment J-1 before the application of the applicable coefficient factor. The coefficient factor submitted by the Contractor for the base year and each option year, in the "Schedule of Prices for Coefficients" (reference Clause B.9) located at the end of this section, shall be applied to the total of the bare costs to establish the price of each FWR or DO.

1. Labor Coefficient

The following three (3) subfactors are used to develop the Contractor's coefficient factor:

a. Indirect Subfactor

The Indirect Subfactor includes, but is not limited to, all costs that would normally be charged as indirect. Accordingly, the specified price of individual FWRs or DOs will not include costs for any of the following, or any other costs which are normally treated as indirect: General and Administrative; Overheads; Labor Burdens; Subcontract Administration; Quality Control; Office Management and Equipment; Project Management and Supervision; Proposal Preparation; Price Quotations; Employee Payroll Taxes; Insurance; Business Taxes; Memberships; Depreciation of Equipment, Tools, and Office Equipment;

Compliance with Tax and Labor Laws; Accounting; Procurement; Personnel Administration; Training/Certifications; Safety and Compliance with Environmental Laws (for example: Safety Rails, face and clothing protection); As-built Drawings; Submittals; Permits; Licenses; Insurance; Protection of and/or Moving Government Property; Costs for signs, traffic cones, barricades, caution tape, safety tape; Temporary Utilities; All Waste and Excess Material; Costs for confined entry equipment; Asbestos equipment, such as HEPA vacuums, decontamination units, and respirators; Mobilization and Close-out for each FWR/Delivery Order; General Equipment including Ladders, Scaffolding, Wheelbarrows, Small commonly used Tools and other Construction Aids; Security; Costs for cleanup work including vacuums, filters; Dumpster and Loading Charges; Subcontractor mark-ups for overhead and profit; and Bin Materials and supplies listed in Attachment J-1.

The Indirect Subfactor should be entered as a multiplier in the "Schedule of Prices for Coefficients" reference Clause B.9.

b. Work Conditions Subfactor:

Some or all of the following work conditions apply to most FWRs or DOs issued by the Government at MSFC and therefore shall be included in the Contractor coefficient factor and not priced separately in individual FWRs or DOs. The Contractor shall include in this subfactor any adjustments necessitated by operating under these conditions:

- (1) Working in occupied areas
- (2) Working through/above ceiling grids
- (3) Disruptions and allowances for utility and equipment outages
- (4) Working in phases
- (5) Disruptions and allowances for tests
- (6) Disruptions and allowances for excavation and work restrictions during missions

The Work Condition Subfactor should be entered as a multiplier in the "Schedule of Prices for Coefficients" (reference Clause B.9).

c. Profit Subfactor

This subfactor represents the percentage of profit for the IDIQ portion of the contract. The Profit Subfactor should be entered

as a multiplier in the "Schedule of Prices for Coefficients" (reference Clause B.9).

The resulting Contractor FFP coefficient is the product of the applicable subfactors.

2. Material Coefficient

Material handling coefficient shall include only costs clearly excluded from the labor-hour rate. Material handling coefficient may include all appropriate indirect costs allocated to direct materials in accordance with the Contractor's usual accounting procedures.

C. COEFFICIENT FACTOR - T&M IDIQ WORK

1. Labor Coefficient

The following two (2) subfactors are used to develop the Contractor's T&M labor coefficient factor:

a. Indirect Subfactor:

The indirect subfactor shall consist of the Contractor's overhead and general and administrative expense.

The indirect subfactor should be entered as a multiplier in the "Schedule of Prices for Coefficients" (reference Clause B.9).

b. Profit Subfactor:

This subfactor represents the percentage of Profit for T&M IDIQ. The Profit Subfactor should be entered as a multiplier in the "Schedule of Prices Coefficients" (reference Clause B.9).

The resulting Contractor T&M labor coefficient is the product of the applicable subfactors.

2. Material Coefficient

Material handling coefficient shall include only costs clearly excluded from the labor-hour rate. Material handling coefficient may include all appropriate indirect costs allocated to direct materials in accordance with the Contractor's usual accounting procedures.

D. SPECIALTY SERVICES AND EQUIPMENT COEFFICIENT

Some items that are included in IDIQ work shall be priced as specialty services and equipment. This will include major equipment purchases as single self-functioning units, costing \$10,000 or greater or services such as tube cleaning or unexploded ordinance surveys. The Contractor's proposed specialty services and equipment quotes will be adjusted by the "Specialty Services and Equipment Coefficient (CLIN 00X3.007)".

Specialty Services and Equipment will not utilize the coefficient factor and subfactors detailed above, but will have a separate and unique coefficient specifically for subcontracted work. This coefficient, submitted by the Contractor, will be fixed for the base year and each option year and detailed in the Microsoft Excel spreadsheet titled "Schedule of Prices for Coefficients" located at the end of this section (reference Clause B.9).

The subfactors and coefficients for FFP, T&M, and Specialty Services and Equipment work for each contract period are as depicted in the Microsoft Excel spreadsheet titled "Schedule of Prices for Coefficients" (reference Clause B.9).

Fixed Bare Labor Rates are considered non-Prepriced items. These rates are fixed for the base year and each option year, as submitted by the Contractor and detailed in the Microsoft Excel spreadsheet titled "Schedule of Prices for Fixed Bare Labor Rates" (reference Clause B.9).

(End of Clause)

B.6 METHOD OF DEDUCTIONS

This contract is performance-based and utilizes various means to calculate deductions if the Contractor fails to perform required services. The Schedules of Prices, the Contractor's Self-Evaluation of Performance, and the Performance Requirements Summary (PRS) will be used to assess the Contractor's performance and to determine deductions pursuant to the Consequences of Contractor's Failure to Perform Required Services Clause in Section E.

The prices for this effort in the "Schedule of Prices for Lump Sum Work" are located at the end of this section (reference Clause B.9). These prices will be used to calculate the deductions defined by the PRS located in Section E.

(End of Clause)

B.7**CONSIDERATION AND PAYMENT**

- A. Lump Sum (Firm Fixed Price) Work - The Contractor shall be paid for the work called for in Attachment J-1, identified as Lump Sum work, as set forth in the "Schedule of Prices for Lump Sum Work" (reference Clause B.9). Payment for completed Lump Sum work, minus any deductions made pursuant to the Consequences of Contractor's Failure to Perform Required Services Clause in Section E, shall be made monthly upon submission of Contractor's properly certified invoices, after the Performance Evaluation Meeting with the Contractor. The Contractor shall submit a monthly Self-Evaluation of Performance (See Clause E.6). Deductions for nonconforming work shall be taken on a monthly basis from the Contractor's invoice. The Contractor's Self-Evaluation will be considered by the Government in its monthly evaluation of nonconforming work.
- B. IDIQ Work - The Contractor shall be paid for the work called for in Attachment J-1, identified as IDIQ work, as ordered and satisfactorily completed minus any deductions made pursuant to the Consequences of Contractor's Failure to Perform Required Services Clause in Section E. Payment for completed IDIQ work will be itemized on one monthly invoice for completed individual FWR and DOs.

For those FWR's that exceed \$50,000, the contractor can receive partial payments of no more than 85% of unique and identifiable material costs incurred under each maintenance job. Unique and identifiable material shall generally be considered major equipment purchases as single self functioning units costing \$5,000 or more. The Government may allow partial payment for other items purchased for a single job where the quantity purchased, in the opinion of the government, makes the items identifiable to the specific job for which they were purchased. Small items must be in factory sealed case lots to expedite inventory by the Government prior to payment. Material that is submitted for partial payments shall be clearly marked with the FWR number and segregated from other material. It is acceptable to place such material with other material purchased for the same FWR for kitting purposes.

For those FWR's that exceed \$50,000 and have a period of performance of 60 calendar days or longer, the contractor can receive partial payments of no more than 85% of labor costs expended.

Each request for partial payment shall exceed \$10,000 per FWR and be identified to the Contract Monitor within two working days after the close of the invoice period for verification.

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A deduction for nonconforming work shall be taken monthly from the Contractor's invoice. The Contractor shall submit a Self-Evaluation of Performance each month (See Clause E.6). The Contractor's self-evaluation will be considered by the Government in its monthly evaluation of nonconforming work.

- C. All as-built drawings and other required submittals shall be submitted prior to acceptance of the work and final payment of any FWR or DO.
- B. The data required in DRD 1197MA-003, along with the Contractor's SF 1034 - Public Voucher for Purchases and Services Other Than Personal, shall serve as the complete invoice. The Contractor shall identify capital assets separately on its invoices. Distribution shall be in accordance with the DRD

(End of Clause)

B.8 LIMITATION OF FUNDS (FIXED-PRICE CONTRACTS) (NFS 1852.232-77)
(MAR 1989)

- A. Of the total price of items identified for the Option Year One, the sum of \$7,436,963.46 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS

Date	December 31, 2009	Amount	\$15,920,718

- B. The Contractor agrees to perform or have performed work as specified in paragraph A. above up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs F. and G. of this clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.
- C. 1. It is contemplated that funds presently allotted to this contract will cover the work to be performed until December 31, 2009.

2. If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 calendar days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs F. and G. of this clause will approximate 75 percent of the total amount then allotted to the contract.
 3.
 - a. The notice shall state the estimate when the point referred to in subparagraph above will be reached and the estimated amount of additional funds required to continue performance to the date specified in subparagraph 1. above, or an agreed date substituted for it.
 - b. The Contractor shall, 60 calendar days in advance of the date specified in subparagraph 1. above, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.
 4. If, after the notification referred to in subdivision 3.a. above, additional funds are not allotted by the date specified in subparagraph 1. above, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.
- D. When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs B. and C., above shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.
- E. If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the

items to be delivered, or in the time of delivery, or both.

- F. The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.
- G. The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph A., above. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.
- H. Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of Clause)

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B.9 SCHEDULE OF PRICES

Note: Five files containing the Schedules of Prices are an integral part of Section B and are inserted here. References to these Schedules throughout this contract are made to the titles of the files.

Lump Sum Schedule of Prices

1. Excel File (spreadsheet) "Schedule Of Prices For Lump Sum Work"

IDIQ Schedule of Prices

2. Excel File (spreadsheet) "Schedule Of Prices For Prepriced Work"
3. Excel File (spreadsheet) "Schedule Of Prices For Coefficients"
4. Excel File (spreadsheet) "Schedule Of Prices For Fixed Bare Labor Rates"

Contract Line Item Number (CLIN) Explanation

5. Word File "Contract Line Item Number (CLIN) Explanation"

Each of the Microsoft Excel spreadsheets listed above includes worksheets for the base period and each option year.

(End of Clause)

[END OF SECTION]

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B.9 CONTRACT LINE ITEM NUMBER (CLIN) EXPLANATION

Contract Line Item Numbers (CLINs) are constructed as follows:

CLIN Start Characters	Contract Year	Method of Pricing	Separator	Paragraph Number	Contract Requirement Number
00	0	0	.	00	00

Contract Year	Number Designation
Base Period	0
Option Period 1	1
Option Period 2	2
Option Period 3	3
Option Period 4	4

Method of Pricing	Number Designation
Lump Sum Work	1
Prepriced Work	2
Contractor Coefficient	3
Fixed Labor Rates Subject to Service Contract Act	4

Paragraph Number	Number Designation
1.0	01
2.0	02
3.0	03
4.0	04
5.0	05
6.0	06
7.0	07
8.0	08
9.0	09
10.0	10
11.0	11
12.0	12
13.0	13
14.0	14

B.9 CONTRACT LINE ITEM NUMBER (CLIN) EXPLANATION

Contract requirement numbers relate to each individual contract requirement in each paragraph of Attachment J –1. (i.e. the first contract requirement in Paragraph 1.0 is 01, the second 02, etc.)

EXAMPLE:
A CLIN for work under the schedule of prices for Lump Sum Work for contract Paragraph 3.0 representing work to be done under contract requirement 5 for the second option year would be:
0021.0305

SECTION C - DESCRIPTION/SPECIFICATION/WORK STATEMENT**C. 1 LISTING OF CLAUSES INCORPORATED BY REFERENCE****I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>

None included by reference.

(End of Clause)

**C. 2 DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK
(MSFC 52.211-93) (FEB 2001)**

The Description/Specifications/Statement of Work is Attachment J-1.

(End of Clause)

[END OF SECTION]

SECTION D - PACKAGING AND MARKING**D. 1 LISTING OF CLAUSES INCORPORATED BY REFERENCE****I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>

None included by reference.

(End of Clause)

[END OF SECTION]

SECTION E
INSPECTION AND ACCEPTANCE

E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following clauses are hereby incorporated by reference:

52.246-4 Inspection of Services – Fixed Price (Aug 1996)
52.246-6 Inspection - Time-and-Material and Labor-Hour (May 2001)
52.246-16 Responsibility for Supplies (Apr 1984)

(End of Clause)

E.2 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (FAR 52.246-11)
(FEB 1999)

The Contractor shall comply with the higher-level quality standards identified below.

Title

Quality Management and Quality Assurance
ANSI/ISO/ASQ Q9001:2000 Standards

(End of Clause)

E.3 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (NFS
1852.246-71) (OCT 1988)

In accordance with the inspection clauses of this contract, the Government intends to perform quality assurance functions at MSFC in accordance with the Performance Requirements Summary located at Clause E.9.

(End of Clause)

E.4 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM
REQUIRED SERVICES FOR ALL LUMP SUM WORK

A. The Contractor is responsible to totally fulfill the performance requirements of this contract. In addition to Clause E.1, the Government will deduct from the

Contractor's invoice or otherwise withhold payment for any items of nonconforming service as specified below.

1. The Government may apply an inspection technique that covers all or part of the work and may, at its option, use an independent inspector to collect data for the technical monitor to use to either assess the Contractor's performance or determine the amount of payment due or both. The defect rate for the purpose of assessing the Contractor's performance will be the sum of all defects observed during the course of the work, expressed as either a percentage of the total population of work items or a per defect basis for the month. (The defect rate will not be extrapolated to the total population of work items to determine payment due.) The Quality Level is 100% minus the defect rate. If the quality level does not meet or exceed the Acceptable Quality Level (AQL) in the Performance Requirements Summary (PRS), the Contractor's quality control is considered unsatisfactory. Failure to consistently maintain adequate quality control can result in termination for default.
 2. A contract requirement may be composed of several subtasks called work requirements. A contract requirement may be determined to be partially complete if the Contractor satisfactorily completes some, but not all, of the work requirements. In those cases, deductions may still be taken from the Contractor's invoice. In addition to all of the rights the Government may have, the Government shall, for partially completed work, make the deductions, as set forth below.
- B. The Government will give the Contractor written or verbal notice of deficiencies prior to deducting for non-performed or unsatisfactory work. Therefore:
1. In the case of non-performed work, the Government
 - a. Shall deduct from the Contractor's invoice all amounts associated with such non-performed work at the prices established by the Schedule of Prices (reference clause B.9) and the PRS or provided by other provisions of this contract, unless the Contractor is permitted or required to perform pursuant to paragraph b. below and satisfactorily completes the work;
 - b. May, at its option, afford the Contractor an opportunity to perform the non-performed work within a reasonable period subject to the discretion of the COTR, but in no event longer than six (6) hours in the case of

daily services, or 24 hours in the case of all other services, of the notice to the Contractor of such nonperformance, at no additional cost to the Government; or

- c. May, at its option, perform the services by Government personnel or other means.

2. In the case of unsatisfactory work, the Government

- a. Shall deduct from the Contractor's invoice all amounts associated with such unsatisfactory work at the prices established by the Schedule of Prices and the PRS or provided by other provisions of the contract; unless the Government afforded the Contractor an opportunity to re-perform pursuant to paragraph b. below and satisfactorily complete the work;
- b. May, at its option, afford the Contractor an opportunity to perform the unsatisfactory work within a reasonable period subject to the discretion of the COTR, but in no event longer than six (6) hours in the case of daily services, or 24 hours in the case of all other services, of the notice to the Contractor of such unsatisfactory work, at no additional cost to the Government; or
- c. May, at its option, perform the services by Government personnel or other means.

- C. Should the Government elect options B.1.a, B.1.b., B.2.a, or B.2.b above, the Government will not assess additional remedies if: (1) the Contractor is working in good faith with the Government to correct the problem(s) in the future; (2) the Contractor does not have a repetitive trend of non-performed and unsatisfactory work for the same requirements, and (3) the Contractor is willing to re-perform defective services at no additional cost to the Government.
- D. Should the Government elect B.1.c. or B.2.c. above, the Government will reduce the contract payment by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus material, or the actual costs of other means that accomplished the services. If the actual costs cannot be readily determined, the prices established by the Schedule of Prices and PRS will be utilized in establishing a deduction amount. In addition to these payment deductions, the Government will assess an additional 20 percent or \$100 per contract requirement, whichever is greater, to compensate the Government for administrative costs and other expenses incurred by the Government to obtain satisfactory completion of the services.

- E. Where the Government exercises its options in B.1.b. or B.2.b., the Contractor's original inspection results shall not be modified upon re-inspection. Instead, any payment reduction shall be offset by a credit for satisfactory re-performance.
- F. The Government's exercise of rights under this clause shall not preclude either (1) single occurrences of such nonperformance or unsatisfactory performance, or (2) multiple occurrences of nonperformance or unsatisfactory performance, regardless of whether deductions were taken, from being grounds for termination in accordance with the clause FAR 52.249-8, "Default (Fixed-Price Supply and Service)", in Section I.
- G. In the event the price of non-performed or unsatisfactory work cannot be determined from the prices set out in the Schedule (reference clause B.9), or on the basis of the actual cost to the Government, estimating methods may be used. Means Facilities Cost Data or other estimating sources may be utilized to estimate the cost of non-performed work or the costs that would be incurred in remedying unsatisfactory work. The Government may estimate the using wage rate and fringe benefits from the wage determinations included in the contract. The Government may use estimates of the Contractor's overhead, profit rates, and material costs if applicable.

(End of Clause)

**E.5 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM
REQUIRED SERVICES FOR IDIQ WORK**

- A. The Contractor is responsible to totally fulfill the performance requirements of this contract. In addition to Clauses E.1 and E.2, the Government will withhold payment for any FWR or DO that does not conform to the requirements specified. The Government will give the Contractor written notice of deficiencies by copy of the final inspection results or other applicable documentation.
- B. In addition to withholding payment until IDIQ work is accepted by the Government, the Government may deduct from the Contractor's invoice the amount specified below:

<u>DEDUCTIONS FOR IDIQ WORK</u>	
Failure to comply with proposal estimate schedule	Subtract three percent from the total FWR/DO amount
Failure to satisfy FWR/DO requirements by completion date specified on FWR/DO	Subtract five percent from the total FWR/DO amount
Failure to avoid unplanned disruptions to building occupants during performance of work	Subtract five percent from the total FWR/DO amount
Failure to provide FWR/DO submittals per contract requirements	Subtract five percent from the total FWR/DO amount
Failure to provide adequate reporting per requirements listed in contract	Subtract five percent from the total FWR/DO amount

Should the Government be required to perform the deficient services by Government or other personnel, the Government will reduce the contract payment by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus material, or the actual costs of other means that accomplished the services. If the actual costs cannot be readily determined, the prices set out in the Contractor's FWR or DO proposal will be utilized in establishing a deduction amount. In addition to these payment deductions, the Government will assess an additional 20 percent or \$500 per contract requirement, whichever is greater, to compensate the Government for administrative costs and other expenses incurred by the Government to obtain satisfactory completion of the services.

- C. The Government's exercise of rights under this clause shall not preclude either (1) single occurrences of such nonperformance or unsatisfactory performance, or (2) multiple occurrences of nonperformance or unsatisfactory performance, regardless of whether deductions were taken, from being grounds for termination in accordance with the clause 52.249-8, "Default (Fixed Price Supply and Service,)" in Section I.

(End of Clause)

E.6 CONTRACTORS SELF- EVALUATION OF PERFORMANCE

Contractor's Self-evaluation of Performance shall be submitted by the 8th working day of each month, complete with backup and analyses for all Lump Sum and IDIQ

work completed in performance of this contract. This includes computing deductions taken from lump sum work Schedule of Prices. The Contractor's Self-Evaluation will be considered by the Government in its evaluation. For each event where the Contractor is found to be inaccurate in the Contractor's monthly self-evaluation, a unilateral deduction of \$1000 will be deducted from the Contractor's total monthly invoice in addition to deductions identified at Performance Evaluation Meetings.

(End of Clause)

E.7 PERFORMANCE EVALUATION MEETINGS

The Contractor shall meet with the Government on a monthly basis to discuss the Contractor's prior month performance. The Contractor's Self Evaluation of Performance will be assessed by the Contracting Officer, the COTR, and the Government Technical Monitors. A mutual effort will be made to resolve all problems identified. The Performance Evaluation Meeting and performance results will be determined before monthly invoices are paid.

(End of Clause)

E.8 ALTERNATE DISPUTES RESOLUTION

No claim shall be submitted for monthly contract adjustments made pursuant to "Consequences of Contractor's Failure to Satisfy Performance Requirements" that in the aggregate for each month exceed \$10,000.

The Government and Contractor will develop, after contract award, a mutually acceptable alternative for resolving disputes that may arise during the performance of this contract.

(End of Clause)

E.9 PERFORMANCE REQUIREMENTS SUMMARY

The Contract Requirements listed in this Performance Requirements Summary (PRS) summarize specific firm fixed price tasks that are to be performed under this contract. The Performance Requirements associated with each Contract Requirement are as shown in the PRS and include:

- A. Work Requirements. A series of subtasks associated with each particular Contract Requirement are listed in column 3 of the PRS.

- B. Weight. The value of each Work Requirement is specified as a percentage of the Contract Requirement with which it is associated in column 4 of the PRS. The percentages are based on judgment, taking into account both the costs incurred by the Contractor in carrying out a particular Work Requirement, and the detriment to the Government if the Work Requirement is not satisfied. The Weight compared with the accepted line item unit prices provided in the Schedule of Prices, Section B, will be the primary basis for deducting for partially performed, unsatisfactorily performed, and non-performed work.
- C. Acceptable Quality Level (AQL). The AQL for each Work Requirement is identified in column 5 of the PRS. The AQL is the quality rate for a monthly population of services which, when not met, indicates that the Contractor's quality control is unsatisfactory. The AQL does not represent a threshold for payment deductions. Deductions will be taken for all defects (with appropriate credit for rework) regardless of whether the AQL was not met. The AQL is expressed as a percentage of the total population per period of time or as a number acceptable products per period of time.
- D. A failure to meet the requirements stipulated in the availability matrix in Attachment J-10 will constitute a total failure in quality for deductive purposes. The Government may choose to assess actual damages up to \$10,000 per event in addition to deductions calculated from the PRS.
- E. CLIN 00X1.1005, Handling and Transportation Program, is unique in that failure of equipment or personnel to perform to pre-established schedules associated with Program Critical Hardware moves will constitute a total failure in quality for deductive purposes.
- F. Notes referenced in "NOTES" column of the PRS:
1. Timeliness AQL for reports or submittals similar to reports. The AQL reflects days per period of time (monthly, quarterly, semi-annually, etc.). For evaluation purposes, a standard month of 30 days will be used. Example: If the AQL is 95%, then a deviation of 5% is allowed. The allowable deviation equates to $30 \text{ days} * .05$ or 1.5 days.
 2. Timeliness AQL for allotted response time. The AQL reflects percent of allotted response time. Example: If a response time of 4 hours is required, a AQL of 95% would allow a deviation from this requirement of $4 \text{ hrs} * 60 \text{ min./hr.} * .05$ or 12 minutes.
 3. Timeliness AQL for physical work and operational maintenance. The AQL reflects units of work per period of time (daily, monthly, quarterly, semi-

annual, etc.). Example: If the AQL requires a 97% quality level for work completion time and 100 units are completed, the AQL would be $100 * .97$ or 97 units. The Government will use a specific number of units of work if less than 100 units of work are performed during the evaluation period.

Example: If the AQL is 98% and only 10 units of work are performed, the AQL would become $10 - 2 = 8$ units of work instead of $10 * .98$.

4. Quality or documentation AQL for all work. The AQL reflects work units that meet specified requirements. Example: If the AQL is 97% and 100 units are completed, the AQL would be $100 * .97$ or 97 units.
5. Maintain operational status AQL. The AQL reflects systems or equipment that meet the established operational parameters with respect to time (usually months). Example: If the AQL requires a 98% quality level for maintaining boiler efficiency at 80% or greater, the AQL would be $30 * .98$ or 29.4 days.

(End of Clause)

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E.9 PERFORMANCE REQUIREMENTS SUMMARY

EXAMPLES OF CONTRACTOR DEDUCTIONS USING THE SCHEDULE OF PRICES AND THE PRS

FROM THE SCHEDULE OF PRICES:

PARAGRAPH REFERENCE	CLIN	DESCRIPTION OF SERVICE/SUPPLIES	EST. ANNUAL SERVICE/SUPPLIES	UNIT	UNIT PRICE	TOTAL PRICE
3.2	0001.0302	1. Quality Control Plan 2. Quarterly Summary Report	1 4	A Q	\$10,000 \$1,000	\$10,000 \$4,000
4.2	0001.0401	1. Trouble Calls	12	M	\$400,000	\$4,800,000

FROM THE PRS:

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENT	WEIGHT	AQL	REQUIREMENT
00X1.0302	1. Quality Control Plan 2. Quarterly Summary Report	1. Quality (content per DRD) 2. Timeliness 1. Quality (content per DRD) 2. Timeliness	80% 20% 80% 20%	100% 98% 100% 98%	DRD 1197QE-001 DRD 1197QE-001
00X1.0402	1. Trouble Calls	1. Quality 2. Timeliness 3. Documentation	50% 30% 20%	98% 97% 98%	Para. 4.2A & 4.2C Para. 4.2D, 4.2F, & 4.2G Para. 4.2D & 4.2E

Note: Paragraphs and requirements column refer to Attachment J-1.

Example 1 – CLIN 0001.0302, Quality Control Plan and Quarterly Summary Report:

Assume the Contractor submits the Quality Control Plan 3 days late but addresses all content requirements. Also, the Quarterly Summary Report is submitted on time but does not address all content requirements. The Contractor will be assessed deductions as follows and receive a quality rating as follows:

	Price per unit *	Weight *	Contractor's Failure Rate	= Total deduction for this CLIN
1. Quality Control Plan:	\$10,000	* .20	* 1	= \$2,000
2. Quarterly Summary report	\$1,000	* .80	* 1	= \$800

Quality Control Plan acceptable timeliness 360 days * (1.00-.98) = 7.2 days. Therefore, the timeliness quality level exceeds the AQL.

Quarterly Summary Report quality level is 1 (report) * .00 = 0. Therefore, the quality level is unsatisfactory.

Example 2 – CLIN 0001.0401, Trouble Calls:

Assume the Contractor performs the 1,000 trouble calls in one month but 50 of these are completed late. The Contractor will be assessed deductions as follows and receive a quality rating as follows:

	Price per unit *	Weight*	Contractor's Failure Rate	= Total deduction for this CLIN
	\$400,000/1000*	30 *	50	= \$6,000

Timeliness quality level is 100- (1,000/50 * 100) = 95%. Therefore, the quality level is unsatisfactory.

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0301	Safety and Health Plan	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197SA-001
00X1.0302	1. Quality Control Plan	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197QE-001
	2. Quarterly Summary Report	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197QE-001
00X1.0303	Technical Reference Library	1. Documentation	70%	97%	4	Para 3.2A.3
		2. Timeliness	30%	98%	3	
00X1.0304	Preventive Maintenance (PM) Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-002
		2. Timeliness	20%	98%	1	
00X1.0305	Work Control Center	1. Quality	60%	97%	4	Para. 3.2B.1
		2. Documentation	20%	97%	4	
		3. Timeliness	20%	97%	3	
00X1.0306	Computerized Maintenance Mgnt. System (CMMS)	1. Documentation	50%	97%	4	Para. 3.2B.2
		2. Timeliness	50%	97%	3	
00X1.0307	Annual Work Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-003
		2. Timeliness	20%	98%	1	
00X1.0308	Five Year Maintenance Plan	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-005
		2. Timeliness	20%	98%	1	
00X1.0309	Facility Condition Assessment	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-006
		2. Timeliness	20%	98%	1	
00X1.0310	1. Facility Condition Assessment Schedule	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-006
		2. Timeliness	20%	98%	1	
00X1.0311	Facility Condition Assess Proj Recommendation	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-008
		2. Timeliness	20%	98%	1	
00X1.0312	Reliability Centered Maintenance Report	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-010
		2. Timeliness	20%	98%	1	
00X1.0313	Headquarters (HQ) Metrics	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-012
		2. Timeliness	20%	98%	1	
00X1.0314	IDIQ Schedule	1. Quality (content per DRD)	80%	100%	4	DRD 1197LS-016
		2. Timeliness	20%	98%	1	

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0401	Trouble Calls	1. Quality 2. Timeliness 3. Documentation	50% 30% 20%	98% 97% 98%	4 2&3 4	Para 4.2A & 4.2C Para. 4.2D, 4.2F, & 4.2G Para. 4.2D & 4.2E
00X1.0402	Trouble Call Services Minor Service Requests	1. Quality 2. Timeliness 3. Documentation	50% 30% 20%	98% 97% 98%	4 2&3 4	Para 4.2B & 4.2C Para. 4.2D, 4.2F, & 4.2G Para. 4.2D & 4.2E
00X1.0501	Systems Engineering	1. Quality	100%	97%	4	Para. 5.0
00X1.0601	Establish Spill Response Team	1. Quality	100%	97%	4	Para. 6.2A.1
00X1.0602	Response to Spills and Releases	1. Quality 2. Timeliness	40% 60%	100% 100%	4 2	Para. 6.2A.2
00X1.0603	Spill Equipment and Supplies	1. Quality 2. Timeliness	50% 50%	97% 95%	4 3	Para. 6.2A.3
00X1.0604	Asbestos and Lead Abatement Records	1. Quality 2. Timeliness	75% 25%	97% 90%	4 3	Para. 6.2.B
00X1.0605	Spill Response Team, Equip and Supplies Listing	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-003
00X1.0606	Asbestos Management Program	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 1	DRD 1197EE-001
00X1.0607	Lead Program	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-002
00X1.0608	Asbestos and Lead Monthly Report	1. Quality (content per DRD) 2. Timeliness	75% 25%	97% 90%	4 3	DRD 1197EE-004
00X1.0701	Fire Alarm System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 7.2B
00X1.0702	Gas Detection System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 7.2C
00X1.0703	Fire Alarm System Operations	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 2&3	Para 7.2D
00X1.0704	Gas Detection System Operations	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 2&3	Para 7.2E
00X1.0801	Fire Suppression Wet Pipe System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2B
00X1.0802	Fire Suppression Pre-Action System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2C

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.0803	Fire Suppression Dry System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2D
00X1.0804	Fire Suppression Foam System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2E
00X1.0805	Fire Suppression Dry Chemical PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2F
00X1.0806	Emergency Shower/Eyewash Station Monthly PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2G
00X1.0807	Sump and Sewer Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2H
00X1.0808	Storm Drainage System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2I
00X1.0809	Surface Areas Sweeping: Streets & Parking Lots	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2J
00X1.0810	Fire Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2K
00X1.0811	Standpipe PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2L
00X1.0812	C02 PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2M
00X1.0813	Wet Chemical PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2N
00X1.0814	Miscellaneous Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 8.2O
00X1.0815	Automatic Fire Sprinkler Sys Quarterly Insp Report	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-007
00X1.0901	Semi-Annual Roof Inspections	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2B
00X1.0902	Pest Control	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2C
00X1.0903	Equipment Room PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 9.2D
00X1.1001	Horizontal and Vertical Sliding Roll Door PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2B

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1002	Hoist, Crane, and Derrick PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2C
00X1.1003	Elevator PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2D
00X1.1004	Heavy Equipment Operation	1. Heavy equipment availability 2. Fabrication/load testing lifting devices 3. Timeliness	60% 20% 20%	98% 98% 97%	2 4 3	Para. 10.2E
00X1.1005	Handling and Transporting Program Critical Hdwe	1. Maintain operational status	100%	100%	4&5	Para. 10.2F
00X1.1006	Deionized Water Operations and PM	1. Purity 2. PM quality 3. Timeliness	50% 30% 20%	100% 98% 97%	4 4 3	Para. 10.2G
00X1.1007	Indust Wastewater Treatment Fac Operations and PM	1. Environmental compliance 2. PM quality 3. Timeliness	50% 30% 20%	100% 98% 97%	4 4 3	Para. 10.2H
00X1.1008	Air Compressor PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2I
00X1.1009	Air Dryer PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2J
00X1.1010	Ice Machine PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2K
00X1.1011	Special Purpose Shop Equipment PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 10.2L
00X1.1012	Annual Crane and Hoist Inspection	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-013
00X1.1013	Elevator Inspection	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	Annual inspection – DRD 1197LS-014 Five year inspection – DRD 1197LS-015
00X1.1014	Maintenance Procedures	1. Quality (content per DRD) 2. Timeliness	80% 20%	100% 98%	4 1	DRD 1197LS-011
00X1.1101	Steam Boiler Operation	1. Maintain operational status	70% 30%	98% 97%	4&5 3	Para. 11.2A

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1102	Steam Distribution	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2B
00X1.1103	Primary Steam Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2C
00X1.1104	Boiler Feed Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2D
00X1.1105	Condensate Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2E
00X1.1106	Power Boiler Annual Certification	1. Certifications 2. Timeliness	70% 30%	98% 97%	4 1	DRD 1197LS-004
00X1.1107	Portable Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2G
00X1.1108	Steam Trap Inspection	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 11.2.H
00X1.1201	Hot Water Boiler PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2A
00X1.1202	Boiler Hot Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2B
00X1.1203	Boiler Feed Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2C
00X1.1204	Chilled Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2D
00X1.1205	Chiller PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2E
00X1.1206	Air Handler Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2F
00X1.1207	Exhaust Fan PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2G
00X1.1208	Cooling Tower PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2H
00X1.1209	Cooling Tower Circulating Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2I
00X1.1210	Cooling Tower Water Treatment	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2J

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1211	Humidifier and Dehumidifier PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2K
00X1.1212	Trailer Mounted Mobile Chiller (Emerg Chiller) PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2L
00X1.1213	Water Treatment for Chilled Water Systems	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2M
00X1.1214	Water Treatment for Hot Water & Steam Boilers	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2N
00X1.1215	Refrigerant Reclamation	1. Quality	100%	100%	4	Para. 12.2O
00X1.1216	Supply and Return Air Fan PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2P
00X1.1217	Heating Vent Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2Q
00X1.1218	Heating, Ventilating, Air Cond & Refrig Ops and Maint	1. Maintain operational status 2. Timeliness	70% 30%	98% 97%	4&5 3	Para. 12.2R
00X1.1219	DXAC Heat Pump Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2S
00X1.1220	Computer Room Unit PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2T
00X1.1221	Back-Flow Preventer PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2U
00X1.1222	Air Filter PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2V
00X1.1223	Hot Water Pump PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 12.2W
00X1.1224	Refrigerant Recovery Management Plan	1. Quality 2. Documentation	50% 50%	98% 98%	4 4	Para. 12.3C
00X1.1225	Coil Cleaning	1. Quality 2. Documentation	70% 30%	98% 97%	4 3	Para. 12.2.X
00X1.1301	Fixed and Mobile Emerg Generator System PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2B
00X1.1302	Electrical Switch Gear PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2C
00X1.1303	Street and Perimeter Lighting PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2D

E.9 PERFORMANCE REQUIREMENTS SUMMARY

CLIN	CONTRACT REQUIREMENTS	WORK REQUIREMENTS	WEIGHT	AQL	NOTES	REQUIREMENT
00X1.1304	Mobile and Fixed Emerg Generator Sys Operation	1. Maintain operational status	100%	98%	4&5	Para. 13.2E
00X1.1305	UPS, Rectifiers & Battery Bank PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2F
00X1.1306	Special Electrical Power Systems Operation	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2G
00X1.1307	Interior and Ext Low and High Voltage Dist Sys PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2H
00X1.1308	4160-Volt Power Support	1. RASA 2. Quality 3. Timeliness	30% 50% 20%	98% 98% 97%	4 4 3	Para 13.2I
00X1.1309	Emergency Light PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2J
00X1.1310	Variable Speed Drives PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2K
00X1.1311	Static Ground and Lightning Protection PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2L
00X1.1312	Storage Tank Monitor PM	1. Quality 2. Timeliness	70% 30%	98% 97%	4 3	Para. 13.2M
00X1.1401	Damage and Utility Control (DUC) Team	1. Timeliness	100%	100%	3	14.2

(End of Clause)

[END OF SECTION]

SECTION F
DELIVERIES OR PERFORMANCE

F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following clauses are hereby incorporated by reference:

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>
52.242-15	Stop-Work Order	Aug 1989
52.242-17	Government Delay of Work	Apr 1984
52.247-34	F.O.B. Destination	Nov 1991

(End of Clause)

F.2 VARIATION IN QUANTITY

- A. If the furnished or delivered quantity of Trouble Calls or Response to Spills and Releases under Lump Sum Work, as identified in Attachment J-1, varies on an annual basis more than ten (10) percent above or below for each of the following number of units: Number of Units for Trouble Calls per year is 13,500; Number of Units for Trouble Call Services per year is 2,400; Number of Units for Response to Spills and Releases per year is 35; an equitable adjustment in the contract price (upward or downward) shall be made upon demand of either party. The equitable adjustment shall be based upon any increase or decrease in costs due solely to the variation above 110 percent or below 90 percent of the number of units. Note: If the Contractor furnishes unit priced items above 110 percent, the Government may require the Contractor to furnish additional quantities of such items under the IDIQ provisions of the contract. Payment will be made in accordance with the IDIQ provisions of the contract, and the Contractor will not be entitled to an equitable adjustment under the Lump Sum portion of the contract.
- B. If the furnished or delivered quantity of MSFC Building gross square footage under Lump Sum Work as identified in Attachment J-1 varies on an annual basis more than three (3) percent above or below the following number of units: Number of Units for Building gross square footage is 4,668,000 square feet, an equitable adjustment in the contract price (upward or downward) shall be made upon demand of either party. The equitable adjustment shall be based upon any increase or decrease in costs due solely to the variation above or below three (3) percent of the number of units.

- C. For purposes of determining the applicability of this clause, there shall not be included in the count of services performed, or item delivered (1) any services or items which the Contractor is required to provide to remedy the consequences of any act or omission on the part of the Contractor, or its agents, employees, or subcontractors, or (2) any items or services which the Contractor performs or delivers in order to support its own operations (rather than satisfy the requirements of this contract). Examples under category (1) include any repair or restorative work which might be required due to the negligence of Contractor employees; examples under category (2) include services expended by the Contractor to move or relocate its personnel on-site, and the acquisition of equipment and supplies to accommodate the needs of the Contractor's employees.

(End of Clause)

F.3 PHASE-IN AND PHASE-OUT

- A. Contractor Phase-In. Phase-In activities shall be accomplished in accordance with FAR 52.237-3, Continuity of Services. The services provided by this contract are vital to the Government's overall effort. Therefore, continuity of these services must be maintained at a consistently high level without disruption. To this end, the Contractor shall conduct an orderly phase-in of other activities prior to assumption of responsibility for the effort described in the PWS. The Contractor shall have up to 30 calendar days immediately prior to the effective date of the contract in which to conduct phase-in. Office space will not be provided by the Government during the phase-in period. During this time, the Contractor shall not be responsible for performance of the effort described in the PWS. It is understood that during phase-in the predecessor contractor(s) will be performing the work described in the PWS.
- B. The Government requires phase-in costs to be priced separately. A separate Purchase order [utilizing Simplified Acquisition Threshold (SAT) procedures] obligating up to 30 calendar days of start up and phase-in effort will be issued.
- C. On July 1, 2008 the Contractor shall assume full responsibility for the effort described in the PWS. During phase-in the Contractor shall:
- (1) Participate in meetings with the predecessor contractor(s) to identify and discuss problems or areas requiring attention during the phase-in period; and

- (2) Perform all activities described in the Contractor's phase-in plan submitted with its proposal, and all activities necessary to ensure effective transfer of all effort from the predecessor contractor(s) and ensure readiness to assume full contract performance. As part of the phase-in activities, the Contractor shall provide the following: 1) Final Safety, Health and Environmental Plan (see DRD 1197SA-001); 2) Badged Employee and Remote IT user Listing (see DRD 1197MA-004); and
 - 3) Position Risk Designation for Non-NASA employees (see DRD 1197MA-006); and 4) qualified staff available, badged (in accordance with the Personal Identity Verification (PIV) Procedures provided in Attachment J-29) and ready to assume performance.
- D. Contractor Phase-Out. Phase-out activities shall be accomplished in accordance with FAR 52.237-3, Continuity of Services. Prior to contract completion, a successor contractor(s) may be selected to perform the work requirements covered by the PWS. The Contractor shall conduct an orderly phase-out of contract activities prior to completion of this contract and assumption of responsibility for the effort described in the PWS by a successor contractor(s). The Contractor shall remain responsible for the effort covered by the PWS during phase-out activities. Upon written notice by the Contracting Officer, the Contractor shall conduct phase-out activities for up to 30 calendar days in accordance with FAR 52.237-3, Continuity of Services. Upon Completion of Phase-Out, at the Government's option, the Contractor will be required to furnish to the Government, at no higher than vendors invoice price, all remaining spare parts that were Contractor procured.
- E. The Contractor shall invoice the Government only at the completion of the purchase order. The Government's obligations under this contract will not commence until after the successful completion of the separate phase-in-purchase order.

F. The total Firm-Fixed-Price of the 15-day phase-in period is

\$0

(End of Clause)

F.4 PERIOD OF PERFORMANCE

- A. The base period of performance of this contract shall be July 1, 2008, through June 30, 2009.

- B. In the event the Government elects to exercise its option(s) pursuant to the terms of this contract, the period of performance for each option shall be as set forth below:

<u>Option Number</u>	<u>Period of Performance</u>
1	July 1, 2009 through June 30, 2010
2	July 1, 2010 through June 30, 2011
3	July 1, 2011 through June 30, 2012
4	July 1, 2012 through June 30, 2013

FWRs/DOs may be issued under this contract during the entire performance period. Expiration of the performance period during which orders may be issued shall not affect any orders placed prior to the expiration of the contract. Terms of the contract shall remain in full force and effect in their application to such orders.

(End of Clause)

F.5 PLACE OF PERFORMANCE (MSFC 52.237-91) (Feb 2001)

The Contractor shall perform the work under this contract at the George C. Marshall Space Flight Center, Alabama, and at such other locations as may be approved in writing by the Contracting Officer.

(End of Clause)

F.6 DELIVERY OF REPORTS

Unless otherwise specified, all reports shall be addressed to NASA/ George C. Marshall Space Flight Center, AL 35812, marked with the contract number, to the attention of recipients to be identified by Contracting Officer's letter (addressed in Item 10 of the individual Data Requirements Descriptions, Attachment J-2). A copy of the transmittal letter for each report shall be forwarded to the Contracting Officer.

(End of Clause)

F.7 DELIVERY/PAYMENT CONDITIONS (APPLICABLE ONLY IF CHECKED) (MSFC 52.211-90) (DEC 1995)

- () 1. No partial payment allowed. Do not submit invoice until completion of order.

() 2. No partial delivery. All items to be shipped at the same time.

(X) 3. Partial delivery acceptable.

(End of Clause)

F.8 DELIVERY OF RAW CHEMICALS

Any raw chemicals ordered under this contract must be received through the Transportation Officer as follows:

*SHIP TO: Receiving Department, Building 4631
Saturn Road
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Marshall Space Flight Center, AL 35812

All shipments must be clearly marked to indicate:

- A. Contents_____
- B. Contract NNM08-_____
- C. PR#_____

(End of Clause)

[END OF SECTION]

SECTION G - CONTRACT ADMINISTRATION DATA

G. 1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>
52.223-71	Frequency Authorization	Dec 1988

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>
None incorporated by reference		

(End of Clause)

G.2 CONTRACTOR EMPLOYEE BADGING AND EMPLOYMENT TERMINATION CLEARANCE (MSFC 52.204-90) (JUL 2006)

- A. It is anticipated that performance of the requirements of this contract will require employee access to and picture badging by the Marshall Space Flight Center. Contractor requests for badging of employees shall be by MSFC Form 1739, "MSFC Contractor Badge/Decal Application." Requests for badging shall be submitted to the appointed Contracting Officer Technical Representative or the Contracting Officer for completion and approval prior to processing by the MSFC Protective Services Office.
- B. The Contractor shall establish procedures to ensure that each badged employee is properly cleared in accordance with MSFC Form 383-1, "Contractor Employee Clearance Document," when the access is no longer needed.
- C. Requests for copies of MSFC Forms 383-1, and 1739 shall be directed to the MSFC Protective Services Office, Marshall Space Flight Center, Alabama 35812.

(End of Clause)

**G.3 INSTALLATION ACCOUNTABLE GOVERNMENT PROPERTY
AVAILABLE FOR USE UNDER THIS CONTRACT**

A. Available Government Property.

1. In performance of work under this contract, certain Government property identified in the contract shall be made available “as is” to the Contractor on a no-charge-for-use basis by the installation’s Logistics Services Office. That property shall be utilized in the performance of this contract at the installation that provided the property or at such other installations or locations as may be specified elsewhere in this contract. Under this clause, the Government retains accountability for, as well as title to, the property, and the Contractor assumes Installation equipment user responsibilities. All equipment users shall report any missing or untagged (meeting the criteria for control) equipment, transfer, location change, or user change of equipment to the cognizant property custodian; notify the cognizant property custodian, supervisor, and the Manager, Protective Services Office (AS50) immediately if theft, damage, or loss of Government, company, or personal property is suspected; ensure that such equipment is used only in pursuit of approved NASA programs and projects; identify equipment not being actively used in pursuit of approved NASA programs and projects; ensure that equipment is turned into the Property Disposal Officer through the cognizant property custodian when no longer needed. Under no circumstances will the Contractor dispose of Installation Accountable Property. The Contractor will retain all responsibilities including notifying cognizant property custodians of all changes in status associated with said equipment. The official accountable record keeping and financial control and reporting of the property subject to this clause shall be retained by the Government and accomplished by the Logistics Services Department and Office of Chief Financial Officer.
2. The delivery or performance dates for this contract are based upon the expectation that Government property suitable for use (except for general purpose property which is furnished “as is”) will be available to the Contractor in sufficient time to enable the Contractor to meet the contract’s delivery or performance dates.

B. Changes in Available Special Purpose Equipment (SPE)

1. The CO may, by written notice, (i) decrease the available SPE under this contract, or (ii) substitute other SPE made available by the Government, or to be acquired by the Contractor for the Government, under this contract. The Contractor shall promptly take such action as the CO may direct regarding the removal, shipment, or disposal of the property covered by such notice.

2. Upon the Contractor's written request, the CO shall make an equitable adjustment to the contract, if the Government has agreed in the contract to make the property available for performing this contract and there is any (i) decrease or substitution in this property pursuant to subparagraph B.1. of this clause; or (ii) withdrawal of authority to use this property, if provided under any other contract or lease.

C. Title in Government Property

1. The Government shall retain title to all Government property.
2. Title to all material shall pass to and vest in the Government upon commencement of processing of the material or its use in contract performance.

D. Use of Government Property. The Government property shall be used only for performing this contract, unless otherwise provided in this contract or approved by the CO.

E. Access. The Government and all its designees shall have access at all reasonable times to the premises in which any Government property is located for the purpose of inspecting the Government property.

F. Loss, Damage, or Destruction of Government Property. Recommendations concerning the loss, damage, or destruction of property made by the NASA Property Survey Board will be forwarded to the Contracting Officer for appropriate administrative action.

(End of clause)

**G.4 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY
(DEVIATION) (NFS 1852.245-71) (SEPTEMBER 2007)**

(A) The Government property described in paragraph (c) of this clause may be made available to the Contractor on a no-charge basis for use in performance of this contract. This property shall be utilized only within the physical confines of the NASA installation that provided the property unless authorized by the contracting officer under (B)(1)(d). Under this clause, the Government retains accountability for, and title to, the property, and the Contractor shall comply with the following:

NASA Procedural Requirements (NPR) 4100, NASA Materials Inventory Management Manual

NASA Procedural Requirements (NPR) 4200, NASA Equipment Management Procedural Requirements

NASA Procedural Requirement (NPR) 4300, NASA Personal Property
Disposal Procedural Requirements

Property not recorded in NASA property systems must be managed in accordance with the requirements of FAR 52.245-1.

The Contractor shall establish and adhere to a system of written procedures to assure continued, effective management control and compliance with these user responsibilities. Such procedures must include holding employees liable, when appropriate, for loss, damage, or destruction of Government property.

(B)(1) The official accountable recordkeeping, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished within NASA management information systems prescribed by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the Contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

- (a) The Contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area.
- (b) The Contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area.
- (c) The Contractor shall establish a record of the property as required by FAR 52.245-1, Government Property, and furnish to the Industrial Property Officer a DD Form 1149, Requisition and Invoice/Shipping Document, (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the Contractor. The Contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.
- (d) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the Contracting Officer and notification of the Industrial Property Officer. The property shall be considered Government furnished and the Contractor shall assume accountability and financial reporting responsibility. The Contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR 52.245-1, Government Property, until its return to the installation. NASA Procedural Requirements related to property loans shall not apply to offsite use of property by contractors.

- (2) After transfer of accountability to the Government, the Contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) of this clause and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the Contracting Officer.
- (C) The following property and services are provided if checked.
- ☒ (1) Office space, work area space, and utilities. Government telephones are available for official purposes only.
 - ☒ (2) Office furniture "as-is."
 - ☒ (3) Property listed in Attachment J-8.
 - (ii) If the Contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records.
 - (iii) The Contractor shall not bring to the installation for use under this contract any property owned or leased by the Contractor, or other property that the Contractor is accountable for under any other Government contract, without the Contracting Officer's prior written approval.
 - ☐ (4) Supplies from stores stock.
 - ☒ (5) Publications and blank forms stocked by the installation.
 - ☒ (6) Safety and fire protection for Contractor personnel and facilities.
 - ☒ (7) Installation service facilities: MSFC & Facilities noted in J-8 & J-27.
 - ☒ (8) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.
 - ☒ (9) Cafeteria privileges for Contractor employees during normal operating hours.
 - ☒ (10) Building maintenance for facilities occupied by Contractor personnel.
 - ☒ (11) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services may be provided on-site, as approved by the Contracting Officer.
 - ☒ (12) Shipping and Receiving services, during normal operating hours, for use under this contract.

(End of clause)

G.5 TECHNICAL DIRECTION (NFS 1852.242-70) (SEP 1993)

- (A) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 1842.270. "Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or

otherwise completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Attachment J-1 of this contract.

- (B) The COTR does not have the authority to, and shall not, issue any instruction purporting to be technical direction that--
 - (1) Constitutes an assignment of additional work outside the Performance Work Statement;
 - (2) Constitutes a change as defined in the changes clause;
 - (3) Constitutes a basis for any increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;
 - (4) Changes any of the expressed terms, conditions, or specifications of the contract; or
 - (5) Interferes with the Contractor's rights to perform the terms and conditions of the contract.
- (C) All technical direction shall be issued in writing by the COTR.
- (D) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority. If, in the Contractor's opinion, any instruction or direction by the COTR falls within any of the categories defined in paragraph (b) above, the Contractor shall not proceed but shall notify the Contracting Officer in writing within 5 working days after receiving it and shall request the Contracting Officer to take action as described in this clause. Upon receiving this notification, the Contracting Officer shall either issue an appropriate contract modification within a reasonable time or advise the Contractor in writing within 30 days that the instruction or direction is--
 - (1) Rescinded in its entirety; or
 - (2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract, and that the Contractor should proceed promptly with its performance.
- (E) A failure of the Contractor and Contracting Officer to agree that the instruction or direction is both within the requirements of the contract

and does not constitute a change under the changes clause, or a failure to agree upon the contract action to be taken with respect to the instruction or direction, shall be subject to the Disputes clause of this contract.

- (F) Any action(s) taken by the Contractor in response to any direction given by any person other than the Contracting Officer or the COTR shall be at the Contractor's risk.

(End of Clause)

G. 6 SUBMISSION OF REQUESTS FOR PROGRESS PAYMENTS (NFS 1852.232-82) (MAR 1989)

The Contractor shall request progress payments in accordance with the Progress Payments clause by submitting to the Contracting Officer an original and two copies of Standard Form (SF) 1443, Contractor's Request for Progress Payment, and the contractor's invoice (if applicable). The Contracting Officer's office is the designated billing office for progress payments for purposes of the Prompt Payment clause.

(End of Clause)

G.7 OCCUPANCY MANAGEMENT REQUIREMENTS (DEVIATION) (NFS 1852-245-82) (SEPTEMBER 2007)

- (A) In addition to the requirements of the clause at FAR 52.245-1, Government Property, the Contractor shall comply with the following in performance of work in and around Government real property:

(1) NPD 8800.14, Policy for Real Property Management.

(2) NPR 8831.2, Facility Maintenance Management

- (B) The Contractor shall obtain the written approval of the Contracting Officer before installing or removing Contractor-owned property onto or into any Government real property or when movement of Contractor-owned property may damage or destroy Government-owned property. The Contractor shall restore damaged property to its original condition at the Contractor's expense.

- (C) The Contractor shall not acquire, construct or install any fixed improvement or structural alterations in Government buildings or other real property without the advance, written approval of the Contracting Officer. Fixed improvement or structural alterations, as used herein, means any alteration or improvement in the nature of the building or other real property that, after completion, cannot be removed without substantial loss of value or damage to the premises. Title to such property shall vest in the Government.

- (D) The Contractor shall report any real property or any portion thereof when it is no longer required for performance under the contract, as directed by the Contracting Officer.

(End of Clause)

[END OF SECTION]

SECTION H - SPECIAL CONTRACT REQUIREMENTS**H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE****I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

<u>CLAUSE NUMBER</u>	<u>TITLE</u>	<u>DATE</u>

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

<u>CLAUSE NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
1852.208-81	Restrictions On Printing And Duplicating	NOV 2004
1852.242-72	Observance Of Legal Holidays (Alternate I)	AUG 1992

(End of Clause)

H.2 ASBESTOS MATERIAL (MSFC 52.223-90) (JUN 2002)

During performance of this contract, Contractor personnel performing work in MSFC buildings may come in contact with materials containing asbestos. MSFC Buildings 4200, 4201, 4202, 4663 and 4666 are of special concern since they are known to contain a sprayed on fire insulation on or above the ceiling, usually located on the metal or concrete structure of the buildings. These buildings and all other MSFC buildings may contain asbestos in floor tile, pipe and lagging insulation, exterior siding, roofing felt, and many other building materials. Prior to disturbing suspected asbestos material in any manner, the Contractor shall notify MSFC's Occupational Medicine and Environmental Health Services, for guidance. Contractor shall be responsible for ensuring that all Contractor personnel working onsite are made aware of and comply with this clause.

(End of Clause)

H.3 HAZARDOUS MATERIAL REPORTING (MSFC 52.223-91) (AUG 2005)

A. If during the performance of this contract, the Contractor transports or accepts delivery of any hazardous materials (hazardous as defined under the latest version of Federal Standard No. 313, including revisions adopted during the term of the contract) on-site to Marshall Space Flight Center, the hazardous material shall be processed through MSFC Central Receiving to be bar-coded for inventory. Chemical containers shall be managed in accordance with the provisions of MWI 8550.5, "Hazardous Material Management." The Contractor shall be responsible for ensuring that all Contractor/subcontractor personnel are made aware of and comply with this clause.

- B. Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material; or with clauses regarding hazardous materials, which may be contained in the order.

(End of Clause)

H.4 MAJOR BREACH OF SAFETY OR SECURITY (NFS 1852.223-75) (FEB 2002)

- A. Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. Safety is essential to NASA and is a material part of this contract. NASA's safety priority is to protect:
- (1) the public;
 - (2) astronauts and pilots;
 - (3) the NASA workforce (including contractor employees working on NASA contracts); and
 - (4) high-value equipment and property. A major breach of safety may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of safety must be related directly to the work on the contract. A major breach of safety is an act or omission of the Contractor that consists of an accident, incident, or exposure resulting in a fatality or mission failure; or in damage to equipment or property equal to or greater than \$1 million; or in any "willful" or "repeat" violation cited by the Occupational Safety and Health Administration (OSHA) or by a state agency operating under an OSHA approved plan.
- B. Security is the condition of safeguarding against espionage, sabotage, crime (including computer crime), or attack. A major breach of security may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of security may occur on or off Government installations, but must be related directly to the work on the contract. A major breach of security is an act or omission by the Contractor that results in compromise of classified information, illegal technology transfer, workplace violence resulting in criminal conviction, sabotage, compromise or denial of information technology services, equipment or property damage from vandalism greater than \$250,000, or theft greater than \$250,000.
- C. In the event of a major breach of safety or security, the Contractor shall report the breach to the Contracting Officer. If directed by the Contracting Officer, the Contractor shall conduct its own investigation and report the results to the Government. The Contractor shall cooperate with the Government investigation, if conducted.

(End of Clause)

H.5 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

- A. The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.
- B. The Contractor shall make no diversion without the Contracting Officer's written consent provided, that the Contracting Officer may ratify in writing the proposed change, and such ratification shall constitute the Contracting Officer's consent required by this clause.
- C. The list of personnel and/or facilities shown below may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

(b)(4)

**FACILITIES:**

None

(End of Clause)

H.6 EXPORT LICENSES (NFS 1852.225-70) (FEB 2000)

- A. The Contractor shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in the performance of this contract. In the absence of available license exemptions/exceptions, the Contractor shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance.
- B. The Contractor shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at George C. Marshall Space Flight Center,

AL, where the foreign person will have access to export-controlled technical data or software.

- C. The Contractor shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.
- D. The Contractor shall be responsible for ensuring that the provisions of this clause apply to its subcontractors.

(End of Clause)

H.7 APPLICABLE MSFC REGULATIONS, OTHER LAWS AND REGULATIONS

The Contractor and all its employees engaged in the performance of work under this contract shall observe and comply with all rules and regulations prescribed by the authorities at Marshall Space Flight Center and shall strictly comply with fire, safety, health, environmental, sanitation, and security regulations. In addition, the

Contractor shall obey and abide by and comply with Social Security, Workmen's Compensation and Unemployment Laws of the State as shall be applicable to the work hereunder and the Contractor shall obey and comply with all other Legislation, State and Federal Laws.

(End of Clause)

H.8 FIRE PREVENTION AND PROTECTION

The Contractor shall comply with all fire prevention measures prescribed in the Installation regulations, NASA Standard 8719.11, NASA Fire Protection; NPR 8715.3, NASA General Safety Program Requirements; and MWI 8715.11, Fire Safety Program, copies of which are on file in the Marshall Integrated Document Library (MIDL). Permission shall be obtained from the Industrial Safety Department for use of open flame devices such as blowtorches, portable furnaces, tar kettles, or gas and electric welding and cutting equipment. The Contractor shall be liable for any fire loss to Government property attributable to negligence on the part of the Contractor, including failure to comply with fire prevention measures prescribed by terms of this contract.

(End of Clause)

H.9 INJURY AND MISHAP REPORTING

- A. In the event of an on-site Type A or B (fatal or serious injury) to any employee, the following procedures shall be followed:
 - 1. Initial notification shall be by telephone immediately to the Protective Services Control Center, Emergency Medical Service, and OMEHS (Telephone 911).

2. Notify the Industrial Safety Department, 544-0046.
 3. Notify the Contracting Officer's Technical Representative (COTR).
 4. Submit a MSFC Form 4370 or notify by telephone (256-544-4357, select "0", and ask the technician to complete the Mishap Flash Report) within 4 hours of knowledge of the mishap.
 5. A follow-up mishap report shall be submitted using NASA Form 1627 within 10 days of the mishap in accordance with MWI 8621.1.
- B. In the event of any on-site incident or close call (the potential for lost-time; damage exceeding \$25,000; impacting critical project/program schedule; or gaining public attention) the following procedures shall be followed:
1. Initial notification shall be by MSFC Form 4370 or by telephone (256-544-4357, select "0", and ask the technician to complete the Mishap Flash Report) within 4 hours of knowledge of the incident or close call.
 2. Notify the Industrial Safety Department, 544-0046.
 3. Notify the COTR.
 4. The Industrial Safety Department will determine if a follow-up mishap report, NASA Form 1627, is required to be submitted within 10 days in accordance with MWI 8621.1.
- C. Mishap Board Report: Report shall be completed after completion of mishap investigation in accordance with MWI 8621.1.

(End of clause)

H.10 SITE LOCATION

The intent of this contract is to procure Center Operation Support Services for the George C. Marshall Space Flight Center. On occasion, however, it may be required that work be performed at other facilities within MSFC's mission responsibilities. Contractors shall submit any cost variations caused by work at locations other than MSFC for that FWR or DO cost proposal.

(End of Clause)

H.11 HOURS OF WORK

Unless otherwise specified, the core working hours are 7:00 a.m. to 4:00 p.m., Monday through Friday. The holidays listed in NFS 1852.242-72 OBSERVANCE OF LEGAL HOLIDAYS (AUG1992) shall be non-core workdays.

The Contractor shall obtain approval for any deviation from the core working hours or days by submitting a written request to be received at least 72 hours in advance, to the assigned technical monitor. No work shall be performed without such approval except for safeguarding life or property, however, the COTR may authorize other emergency deviations.

The Contractor shall participate in various NASA-wide or Center-wide activities that may disrupt the Contractor's planned work schedule. Historically, these disruptions are approximately 16 man hours per year, per individual. An example of this is the NASA-wide Performance Evaluation Profile (PEP) survey. This survey is used to assess employees general knowledge related to safety. In those instances where the Contractor's schedule is disrupted, the Contractor may justify revising the work schedule to the COTR. This adjustment shall not exceed ten working days.

In the event of severe weather conditions, the MSFC may suspend operations. When MSFC is closed due to weather conditions, no work shall be performed without approval of the COTR, and coordinated with the Protective Services Department.

(End of Clause)

H.12 SECURITY REQUIREMENTS

All Contractor personnel, including subcontractors, will comply with MPR 1600.1 MSFC Security Procedures and Guidelines (as amended). Copies may be obtained from the MSFC Documentation Repository, Building 4491.

All Contractor Personnel, including subcontractors, working on the MSFC or its off site facilities must be U.S. citizens or Government approved foreign nationals, approved in accordance with NPR 1371.2. Unauthorized personnel will be removed from the Center.

All Contractor personnel, including subcontractors, are required to have a MSFC identification (ID) badge in their possession at all times while on the Center, or its off-site facilities. The ID badge will be displayed at all times unless otherwise restricted by special safety or security measures. Upon request, all Contractor-provided vehicles on Center will be identified with a service vehicle permit approved and issued by the Protective Services Department. Personnel and vehicles not properly identified will be removed from the Center. All personnel operating motor vehicles on the MSFC will comply with the Army MICOM Regulation 210-2, Alabama State Vehicular and Pedestrian Traffic Laws, and the instructions contained in Chapter 13 of MPR 1600.1. Personnel involved in a motor vehicle accident on the Center will immediately report the accident to the Contractor operated Protective Services Control Center (PSCC), at 4-HELP (4-4357), select appropriate option. Identification badges and vehicle passes must be strictly controlled. Lost, missing, or stolen badges or passes will be reported to the PSCC immediately for investigation. All badges must be returned to the Protective Services Department upon completion of the contract.

All known, obvious, or identifiable security violations, breaches, or suspicious activity will be immediately reported to the Protective Services Department, 4-4534.

(End of Clause)

H.13 ENVIRONMENTAL PROTECTION

The Contractor shall comply with all Federal, state and local laws and regulations pertaining to environmental compliance together with all provisions listed in the Technical Specifications for Renovations, Modifications, and Construction (TSRC).

- A. Hazardous and Controlled Waste Generation (MWI 8550.1 Waste Management): During performance of the contract, various materials may be procured which will result in the generation of hazardous and/or controlled wastes. These hazardous wastes are defined by the Alabama Department of Environmental Management regulations. The Contracting Officer will furnish specific waste collection criteria prior to start of work. The Contractor is responsible for coordinating all waste generation activities with the Environmental Engineering Department Environmental Support Contractor who shall arrange for transport and disposal of all hazardous and controlled waste off MSFC property.
- B. Hazardous Material Reporting (MWI 8550.5, Chemical Management): If during performance of this contract, the Contractor brings any hazardous material (hazardous as defined under the latest version of Federal Standard No. 313, including revisions adopted during the term of the contract) on-site to the MSFC, a completed MSFC Form 4099 (MSFC Chemical Inventory Addition) shall be immediately forwarded to the address on the form. A copy of the Material Safety Data Sheet shall be forwarded to Occupational Medicine and Environmental Health Services (OMEHS).
- C. Pollution Prevention (NPG 8820.1, Pollution Prevention Program): During the performance of this contract, the Contractor shall implement pollution prevention in day-to-day activities. The Contractor shall actively implement the Pollution Prevention Act to reduce hazardous chemicals usage, hazardous waste generation, solid waste generation, conserve energy, and preserve natural resources at MSFC.
- D. Storm Water Pollution Prevention (MWI 8550.2, Storm Water Management): During the performance of this contract, the Contractor shall comply with AS10-OI-001 "Consolidated Environmental Response Plan." Depending on the Contractor operations, documented storm water inspection may be required on a daily/weekly/monthly basis such that MSFC is in compliance with the Alabama Department of Environmental Management National Pollutant Discharge Elimination System permit requirements.
- E. Air Compliance (MWI 8550.4, Air Emission Compliance): During the performance of this contract, the Contractor shall comply with MWI 8550.4 and the requirements of the MSFC Title V Air Permit. Depending on Contractor operations, documented air inspections may be required on a routine basis.
- F. Other Laws and Regulations: Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and Local Laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material, hazardous waste, pollution prevention and storm water prevention; or with other clauses regarding hazardous

materials, hazardous waste, pollution prevention and storm water pollution prevention which may be contained in the contract.

G. Contractor Liability: The Contractor is not liable for pre-existing environmental conditions under this contract.

(End of Clause)

H.14 ELEVATORS

Any temporary use of an existing elevator, in performance of COSS duties, shall be by arrangement with the COTR. Such use will be of an intermittent nature. The Contractor shall provide and maintain suitable and adequate protection covering as approved by COTR for the elevator machinery, the hatchway entrance, and the interior of the elevator during the period of temporary use. Loads in excess of the rated capacity of the elevator will not be permitted.

(End of Clause)

H.15 RECORDING AND PRESERVING HISTORICAL AND ARCHAEOLOGICAL FINDS

All items having any apparent historical or archaeological interest that are discovered in the course of any COSS activities shall be carefully preserved. The Contractor shall leave the archaeological find undisturbed, and shall immediately report the find to the COTR so that the proper authorities may be notified.

(End of Clause)

H.16 VEHICLES

Use of Contractor and Contractor employee vehicles on MSFC shall be subject to MSFC vehicle regulations. No major maintenance of Contractor vehicles shall be allowed on Center. Parking of Contractor equipment, trucks, etc., shall be as approved and assigned by the COTR. To reduce theft hazards, the Contractor shall not leave vehicle keys inside unattended vehicles.

(End of Clause)

H.17 MEASUREMENT VERIFICATION

All measurements of work under the contract shall be measured to the nearest whole unit (to the nearest square foot, to the nearest linear foot, etc.). The Contractor is responsible for verifying the dimension of all existing work to which work will be connected.

(End of Clause)

H.18 CONTRACTOR ACCESS TO MSFC AND DELIVERIES

Delivery of all materials required and ordered by the Contractor for performance of the effort required under this contract shall be scheduled to arrive at the Marshall Space Flight Center between the hours of 7:30 am and 3:00 p.m. Monday through Friday. After-hours deliveries may be made under special circumstances coordinated in advance. All delivery trucks shall typically enter through Gate 1 (except under special conditions) located on the east end of Martin Road. Under a heightened security posture, a detailed security inspection is conducted. The Contractor shall advise delivery companies in advance of Redstone Arsenal security and inspection requirements to prevent unnecessary delays or problems. The Contractor's superintendent or other authorized official shall be on-site to receive deliveries. The Government will not be responsible for acceptance of delivered material.

(End of Clause)

H.19 ASSOCIATE CONTRACTOR AGREEMENTS

- A. In order to achieve the requirements of this contract, the Contractor shall establish, in conjunction with the Contracting Officer (CO) and Contracting Officer's Technical Representative (COTR), the means for coordination and exchange of information with multiple onsite MSFC contractors. The purpose of this clause is to facilitate cooperation among MSFC professional services contractors in providing support for accomplishing MSFC's mission. The Contractor Agreements contemplated by this clause, established within 180 days after contract award, will be added by contract modification to this paragraph as required.
- B. MSFC requires Associate Contractor Agreements (prime, teammates, and subcontractors), including, but not limited to, the following contracts/contractors:

<u>Contract</u>	<u>Contractor</u>
Building Automation Systems Support	Mainthia Technologies, Inc.
Logistics Services	EG&G
Pressures, Propellants and Calibration (PP&C)	Teledyne Brown Engineering

- C. The Contractor shall document agreements with other Associate Contractors described in (a) above via Associate Contractor agreements. The Government will not be a party in such Associate Contractor agreements. A copy of each such agreement shall be provided to the CO. All costs associated with such agreements are included in the negotiated price of this contract.
- D. The Contractor is not relieved of any contract requirements or entitled to any adjustments to the contract terms because of the failure to resolve a disagreement with an Associate Contractor. Liability for the improper

disclosure of any proprietary data contained in or referenced by any agreement shall rest with the parties to the agreement, and not the Government.

(End of Clause)

H.20 SAFETY AND HEALTH (NFS 1852.223-70) (APR 2002)

- A. Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property.
- B. The Contractor shall take all reasonable safety and occupational health measures in performing this contract. The Contractor shall comply with all Federal, State, and local laws applicable to safety and occupational health and with the safety and occupational health standards, specifications, reporting requirements, and any other relevant requirements of this contract.
- C. The Contractor shall take, or cause to be taken, any other safety, and occupational health-measures the Contracting Officer may reasonably direct. To the extent that the Contractor may be entitled to an equitable adjustment for those measures under the terms and conditions of this contract, the equitable adjustment shall be determined pursuant to the procedures of the changes clause of this contract; provided, that no adjustment shall be made under this Safety and Health clause for any change for which an equitable adjustment is expressly provided under any other clause of the contract.
- D. The Contractor shall immediately notify and promptly report to the Contracting Officer or a designee any accident, incident, or exposure resulting in fatality, lost-time occupational injury, occupational disease, contamination of property beyond any stated acceptable limits set forth in the contract Schedule; or property loss of \$25,000 or more, or Close Call (a situation or occurrence with no injury, no damage or only minor damage (less than \$1,000) but possesses the potential to cause any type mishap, or any injury, damage, or negative mission impact) that may be of immediate interest to NASA, arising out of work performed under this contract. The Contractor is not required to include in any report an expression of opinion as to the fault or negligence of any employee. In addition, service contractors (excluding construction contracts) shall provide quarterly reports specifying lost-time frequency rate, number of lost-time injuries, exposure, and accident/incident dollar losses as specified in the contract Schedule.
- E. The Contractor shall investigate all work-related incidents, accidents, and Close Calls, to the extent necessary to determine their causes and furnish the Contracting Officer a report, in such form as the Contracting Officer may require, of the investigative findings and proposed or completed corrective actions.
- F. (1) The Contracting Officer may notify the Contractor in writing of any noncompliance with this clause and specify corrective actions to be taken.

When the Contracting Officer becomes aware of noncompliance that may pose a serious or imminent danger to safety and health of the public, astronauts and pilots, the NASA workforce (including contractor employees working on NASA contracts), or high value mission critical equipment or property, the Contracting Officer shall notify the Contractor orally, with written confirmation. The Contractor shall promptly take and report any necessary corrective action.

(2) If the Contractor fails or refuses to institute prompt corrective action in accordance with subparagraph (f)(1) of this clause, the Contracting Officer may invoke the stop-work order clause in this contract or any other remedy available to the Government in the event of such failure or refusal.

G. The Contractor (or subcontractor or supplier) shall insert the substance of this clause, including this paragraph (g) and any applicable Schedule provisions and clauses, with appropriate changes of designations of the parties, in all solicitations and subcontracts of every tier, when one or more of the following conditions exist:

(1) The work will be conducted completely or partly on premises owned or controlled by the Government.

(2) The work includes construction, alteration, or repair of facilities in excess of the simplified acquisition threshold.

(3) The work, regardless of place of performance, involves hazards that could endanger the public, astronauts and pilots, the NASA workforce (including Contractor employees working on NASA contracts), or high value equipment or property, and the hazards are not adequately addressed by Occupational Safety and Health Administration (OSHA) or Department of Transportation (DOT) regulations (if applicable).

(4) When the Contractor (or subcontractor or supplier) determines that the assessed risk and consequences of a failure to properly manage and control the hazard(s) warrants use of the clause.

H. The Contractor (or subcontractor or supplier) may exclude the provisions of paragraph (G) from its solicitation(s) and subcontract(s) of every tier when it determines that the clause is not necessary because the application of the OSHA and DOT (if applicable) regulations constitute adequate safety and occupational health protection. When a determination is made to exclude the provisions of paragraph (G) from a solicitation and subcontract, the Contractor must notify and provide the basis for the determination to the Contracting Officer. In subcontracts of every tier above the micro-purchase threshold for which paragraph (G) does not apply, the Contractor (or subcontractor or supplier) shall insert the substance of paragraphs (A), (B), (C), and (F) of this clause).

I. Authorized Government representatives of the Contracting Officer shall have access to and the right to examine the sites or areas where work under this

contract is being performed in order to determine the adequacy of the Contractor's safety and occupational health measures under this clause.

- J. The contractor shall continually update the safety and health plan when necessary. In particular, the Contractor shall furnish a list of all hazardous operations to be performed, and a list of other major or key operations required or planned in the performance of the contract, even though not deemed hazardous by the Contractor. NASA and the Contractor shall jointly decide which operations are to be considered hazardous, with NASA as the final authority. Before hazardous operations commence, the Contractor shall submit for NASA concurrence –

(1) Written hazardous operating procedures for all hazardous operations; and/or

(2) Qualification standards for personnel involved in hazardous operations.

(End of Clause)

H.21 NATIONAL LABOR RELATIONS ACT

The selected contractor shall be required to comply with the requirements of the National Labor Relations Act. Further, MSFC encourages contractors with collective bargaining agreements to become actively involved in the Area Labor-Management Relations Council sponsored jointly by the Marshall Space Flight Center and the Federal Mediation and Conciliations Service. Most of the incumbent contractor's "service employees" are represented by the following collective bargaining representatives (unions):

- A. North Alabama Building Trades Council (A consortium of 9 unions: (1). International Union of Operating Engineers, Local 320; (2). Bricklayers and Allied Craftworkers, Local 6; (3). United Association Plumbers and Steamfitters, Local 377; (4). Laborers International Union of North America, Local Union 366; (5). Sheet Metal Workers International Association, Local 48; (6). International Brotherhood of Electrical Workers, Local 558; (7). United Brotherhood of Carpenters and Joiners of America, Local 1209; (8) Millwrights Local 1192; and (9). International Brotherhood of Painters and Allied Trades, Local 1293). [Point of Contact: Larry Farmer, Building Trades President, telephone number (256) 383-4661/2279].
- B. International Brotherhood of Electrical Workers, Local 558, Facility Technicians, [Point of Contact: Larry Farmer, Business Manager, telephone number (256) 383-4661/2279].

As a Government Contracting Activity, NASA recognizes the legal right of contractor employees and unions to engage in collective bargaining with our contractors, as afforded them by the National Labor Relations Act. Therefore, the successful contractor agrees to maintain policies and practices that are congruous with these mandatory provisions of law.

(End of Clause)

H.22 RESERVE GATE PROCEDURES - ONE-GATE PLAN

In the event of a labor dispute, the Government can restrict the ingress and egress of the contractor's employees and suppliers to a specific gate. The contractor agrees to have the employees re-badged (if necessary) and to direct them and all suppliers to utilize only the gate designated in the reserve gate/one-gate procedure.

(End of Clause)

H.23 APPLICABILITY OF SECTION CLAUSES TO SUBCONTRACTS

In the event the Contractor enters into subcontract(s) for performance of any of the services required under the Performance Work Statement of this contract, the Contractor hereby agrees that, in addition to all other requirements, the intent and purpose of the following contract clauses will be incorporated in any such subcontract(s).

Title

- G.2 Contractor Employee Badging and Employment Termination Clearance
- G.4 Installation-Accountable Government Property
- H.1 Observance of Legal Holidays
- H.2 Asbestos Material
- H.13 Environmental Protection
- H.22 Reserve Gate Procedures
- I.1 Option to Extend the Term of the Contract

(End of Clause)

H.24 SAFETY PERFORMANCE EVALUATION, EVALUATION CRITERIA, AND PERFORMANCE RECOGNITION (MSFC 52.223-94)(FEB 2008)**SAFETY PERFORMANCE EVALUATION**

1. CONTRACTOR RESPONSIBILITY. The Contractor is responsible for maintaining an effective safety program during the course of the contract with a goal to achieve a world-class program within the term of the contract. The Contractor will ensure that the requirements of the MSFC approved Contractor's Safety and Health Plan and applicable Data Requirement Documents (DRD) are met. Contractor safety performance evaluation will be based on the MSFC safety program elements. The Contractor shall conduct an annual self-evaluation based on these criteria. The Contracting Officer (CO)/ Contracting Officer Technical Representative (COTR), in coordination with the MSFC Industrial Safety Branch, will validate the Contractor's self-evaluation.

Annually, the agreed score will be used to assess performance appropriately—positive or negative.

For the purpose of assessing the annual score, the Contractor and the CO/COTR, in coordination with the MSFC Industrial Safety Branch, will reach a mutually agreeable determination based on the metrics reflected in the attachment. In cases where the Contractor and CO/COTR cannot reach agreement, the MSFC Ombudsman will hear arguments from both sides and make a final decision. This process shall not preclude the CO from taking immediate action for any serious, willful, blatant, or continued violations of MSFC safety policy or procedures.

2. EVALUATION CRITERIA. Contractor self-evaluation and Government validation will be based on the applicable elements and sub-elements of the MSFC safety program shown below. Specific criteria are shown on Attachment 1 entitled “Safety Health Management Implementation Guide and Assessment Matrix.” Deviations from the matrix criteria may be made, for cause, and must be approved by the COTR, CO and Government Safety Representative. It should be noted that Element 1 has a management and an employee component. These are simply averaged to obtain the score for Element 1. The result should be carried to the second decimal point.

MANAGEMENT COMMITMENT AND EMPLOYEE INVOLVEMENT HAZARD PREVENTION AND CONTROL

(ELEMENT 1)	(ELEMENT 3)
Documented Safety Policy and Goals	Hazard Identification Process
Safety Committees	Facility and Equipment Maintenance
Safety Meetings	Emergency Program and Drills
Subcontractor Safety	Emergency Medical Care Program
Resources	Personal Protective Equipment
Access to Professional Safety Staff	Health Program
Accountability (Disciplinary Program)	
Annual Evaluation	

(ELEMENT 2)	(ELEMENT 4)
System And Worksite Hazard Analysis	Safety and Health Training
Complete And Update Baseline Surveys	Employee
Perform Analysis Of New Work	Supervisor
Job Hazard Analysis/ Process Review	Manager
Self-Inspections	
Employee Hazard Reporting	
Mishap/Close Call Investigation	
Injury/Illness Rates	

3. PERFORMANCE RECOGNITION.

Contractor performance will be recognized as follows:

Level I - Annual rating score of ≥ 36 and a Lost Time Case Rate (LTC) $\leq 50\%$ of the LTC for the applicable North American Industry Classification System (NAICS) rate.	<i>Formal award with public recognition. Appropriate past performance referrals provided.</i>

Exception: Contractors with less than 100 employees located onsite MSFC. To be rated in Level I, the contractor shall have no lost time injuries during the past year.

Level II - Annual rating score of ≥ 28 based on the annual assessment score, and a LTC $<$ the applicable NAICS rate and the scores remain the same, or reflect improved performance, from the previous period. If scores reflect a decrease in performance, no letter of commendation will be issued.	<i>Formal letter of commendation.</i> <i>Will impact contract evaluation and past performance referrals.</i>

Exception: Contractors with less than 100 employees located onsite MSFC. To be rated in Level II, the contractor shall have no more than one lost time injury during the past year.

Level III - Annual rating score of ≤ 16 or a LTC NAICS rate.	<i>Formal letter expressing concern.</i> <i>Corrective Action Plan requested.</i> <i>Data placed in Past Performance</i>

Failure to improve could result in contract options not being exercised.

Exception: Contractors with less than 100 employees located onsite MSFC. A Level III rating will be given to a contractor having greater than two lost time injuries during the past year.

If contractor's Safety Performance evaluation does not fall within the above categories.	<i>No recognition</i>

NOTE: The most current Department of Labor NAICS rate, effective at the beginning of the annual evaluation period, will be utilized for LTC evaluation. Lost Time Incidents shall be recorded in accordance with NASA requirements specified in MWI 8621.1, "Close Call and Mishap Reporting and Investigation Program." Final decisions on any disputed lost time injury determinations will be handled by established Government regulatory procedures.

4. CONTRACTOR ACCOUNTABILITY FOR MISHAPS.

The Contractor shall not be held accountable for injuries to their personnel or damage to the property they control that is caused by individuals or situations clearly outside the control of their contract.

5. EVALUATION PROCESS.

The evaluation process will be based on the major elements and their sub-elements cited in Paragraph 2.

The evaluation process will include these steps:

- Contractor to conduct annual self-assessment and assign numerical score to each element.
- Contractor self assessments will address compliance with their approved Safety and Health Plan.
- Contractor to have self-assessment validated by CO/COTR and Industrial Safety Branch.
- On an annual basis, the CO will apply contract incentives/recognition or consequences based on the average quarterly scores. The CO will make a determination annually for items requested in paragraph 6 that are not reported. (*Also, see paragraph 7 below.*)

The evaluation process will use the Safety Health Management Implementation Guide and Assessment Matrix at Attachment 1.

6. SAFETY METRIC REPORTING.

The contractor shall report safety metrics to the extent specified in the contract.

7. FAILURE TO REPORT

The contractor fails to report the items in paragraph 6 above in accordance with this contract, an amount of \$1,000 will be deducted for each occurrence of failure to report the required data.

Safety Performance Evaluation Summary Evaluation Criteria and Performance Recognition

EVALUATION CRITERIA

- o Management Commitment and Employee Involvement
- o System and Worksite Hazard Analysis
- o Hazard Prevention and Control
- o Safety and Health Training

Score	<u>≥ 36 points</u> (Annual Score)	<u>≥ 28 points</u> (Annual Score)	<u>≤ 16 points</u> (Annual Score)
LTC	<u>and</u> ≤ 50% of the LTC for the applicable NAICS rate Exception: Contractors with less than 100 employees located onsite MSFC shall have <u>no</u> lost time injuries during the past year.	<u>and</u> < the applicable NAICS rate Exception: Contractors with less than 100 employees located onsite MSFC shall have <u>no more</u> <u>than one</u> lost time injury during the past year.	<u>or</u> > the applicable NAICS rate Exception: Contractors with less than 100 employees located onsite MSFC. A Level III rating will be given when <u>greater than two</u> lost time injuries are reported during the past year.
Grade Levels	I	II	III
Recognition	Formal award publicly recognized. Appropriate Past Performance referrals provided.	Formal letter of commendation – will impact contract evaluation and past performance. (Score must either be the same score or and higher from the last evaluation.)	Formal letter expressing concern. Corrective Action Plan requested. Data placed in Past Performance Database. Failure to improve could result in Contract Options not being exercised.

NOTE: If the contractor's safety performance evaluation does not fall within one of the above categories, no recognition will be provided.

▪ Deductions

o Failure to report information on all personnel and property mishaps that meet the criteria of a NASA NPR 8621.1B, on a monthly basis, will result in a deduction of \$1,000 for each occurrence of failure to report. Information to be reported includes items listed in paragraph 6 of the clause.

ATTACHMENT 1

Safety Health (S) Management Implementation Guide and Assessment Matrix

Score	Commitment and Involvement (Element 1)		Worksite System and Analysis (Element 2)	Hazard Prevention and Control (Element 3)	Safety and Health Training (Element 4)
	A. Management	B. Employee			
10	Benchmarking indicates "best in Class." In areas of visible management leadership, responsibility/accountability, meaningful metrics, and incentive/recognition systems.	Employees fully involved, safety committees functioning well, is a complete behavior process functioning at least one year, employees involved in process planning and risk assessment.	All sub-elements fully in place and functioning well for at least one year.	All programs and sub-elements fully functioning for one year, strong professional support.	All training processes functioning, all levels of personnel trained to identified needs, management training ongoing.
9	All sub-elements are in place and functioning well, but have as yet to reach full maturity.	All processes functioning but for limited time, employees involved to great extent.	All sub-elements in place, employees actively participating.	All programs and sub-elements in place and functioning.	All training processes established, management initial training complete.
8	One sub-element not fully in place but all are being implemented.	Most processes in place, employee involvement growing.	All sub-elements functioning, employee participation growing.	At least five sub-elements functioning and one in final stage of implementation.	Most personnel trained to identified needs, training recordkeeping and recall system functioning.
7	Two sub-elements not fully implemented. Implementation in process on all elements. Employee participation and commitment widespread.	Process activities expanding through organization. Committees and teams functioning.	At least five sub-elements functioning and remainder established.	At least four sub-elements functioning, remaining two developing.	Management and supervisor training in process specialized training in process.
6	All sub-elements in process or in place. Strong management leadership and commitment have begun, metric systems in place, resourcing appropriate.	Employee representatives functioning, joint committees functioning, participating in risk assessment and accident investigation.	At least four sub-elements functioning and remaining three in process, employee participation beginning to spread through organization.	Medical and safety programs strengthening, emergency preparedness program established and exercised.	Management training in process developed, supervisor training developed, training recordkeeping and recall system developed.
5	Management commitment and leadership accepted by workers, worker participation and commitment begun, metric system.	Employee representatives appointed/elected, committees beginning to perform functions (investigation, analysis, process improvement).	All sub-elements established, employees beginning to participate.	Rules written, medical and safety programs developing Personal Protective Equipment adequate.	Training template completed for all personnel, training needs identified, process development begun, recordkeeping and recall system being developed.
4	Management commitment and leadership flowing down to workers, metric systems being developed, incentive/recognition system in process.	All processes being established, involvement and awareness enhancement growing.	At least five sub-elements initiated including self-assessment, hazard reporting, and mishap close call investigations.	Rules in process, emergency preparedness program being developed.	Training development in process, specialized training established, mandatory training in process
3	Generally good management commitment and leadership, implementation plans approved for all elements.	All process needs identified, awareness and involvement enhancement activities begun.	Job Hazard analysis established, investigations strengthened and include employees.	Medical program initiated safety and health program initiated.	Training needs evaluation complete, training templates in process, recordkeeping and recall system needs to be established
2	Management exhibits some aspects of leadership, accountability systems not well defined, employee	Committees established, little activity, employee involvement	Plans established to implement all sub-elements, at least two sub-elements	Personal protective equipment requirements established and being	Training needs evaluation begun, training template forms developed.

	participation framework defined, limited metrics.	beginning, awareness of process started.	beginning to function.	enforced, plans developed for other elements.	
1	Sub-elements have not been established to any significant extent, management leadership is lacking, little or no employee participation.	No committees, little or no employee involvement, no process, little process planning.	Two or fewer sub-elements established, no self-inspection, shallow accident investigation process.	Few or no programs or sub-elements established, few written rules, limited enforcement.	Training needs not established, no management training, limited or no supervisor training.

(End of Clause)

H.25 SECURITY/BADGING REQUIREMENTS FOR FOREIGN NATIONAL VISITORS AND EMPLOYEES OF FOREIGN CONTRACTORS

- A. An employee of a domestic Marshall Space Flight Center (MSFC) contractor or its subcontractor who is not a U.S. citizen (foreign national) may not be admitted to the MSFC site for purposes of performing work without special arrangements. In addition, all employees or representatives of a foreign MSFC contractor/subcontractor may not be admitted to the MSFC site without special arrangements. For employees as described above, advance notice must be given to the MSFC Protective Services Office at least 3 weeks prior to the scheduled need for access to the site so that instructions on obtaining access may be provided.
- B. All visit/badge requests for persons described in paragraph (a) above must be entered in the NASA Foreign National Management System (NFMMS) for acceptance, review, concurrence and approval purposes. When an authorized company official requests a MSFC badge for site access, he/she is certifying that steps have been taken to ensure that its contractor or subcontractor employees, visitors, or representatives will not be given access to export-controlled or classified information for which they are not authorized. The authorized company officials shall serve as the Contractor's representative(s) in certifying that all visit/badge request forms are processed in accordance with MSFC security and export control procedures. No foreign national, representative, or resident alien contractor/subcontractor employee shall be granted access into MSFC until a completed request has been approved and processed through the NFMMS. Unescorted access will not be granted unless the MSFC Protective Services Office has completed a favorable National Agency Check (NAC).
- C. The Contractor agrees that it will not employ for the performance of work onsite at the MSFC any individuals who are not legally authorized to work in the United States. If the MSFC Industrial Security Specialist or the contracting officer has reason to believe that any employee of the Contractor may not be legally authorized to work in the United States and/or on the contract, the Contractor may be required to furnish copies of Federal Form I-9 (Employment Eligibility Verification), U.S. Department of Labor Application for Alien Employment Certification, and any other type of employment authorization document.

- D. The Contractor agrees to provide the information requested by the MSFC Protective Services Office in order to comply with NASA policy directives and guidelines related to foreign visits to NASA facilities so that (1) the visitor/employee/ representative may be allowed access to MSFC or other NASA Centers for performance of this contract, (2) required investigations can be conducted, and (3) required annual or revalidation reports can be submitted to

NASA Headquarters. All requested information must be submitted in a timely manner in accordance with instructions provided by MSFC or any other Center to be visited.

(End of Clause)

H.26 Task/Delivery Ordering Procedure

A. Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

B. See Section 1.6 of the PWS for task/delivery order procedures.

H.27 ENVIRONMENTAL - GENERAL CLAUSE (MSFC 52.223-92) (DEC 2006)

NASA/Marshall has developed and maintains an Environmental Management System, in accordance with Executive Order 13148, to support and implement its environmental policy of:

"Enabling Marshall's mission through environmental compliance and stewardship and by providing a safe and healthful workplace." (MPD 8500.1, "MSFC Environmental Policy").

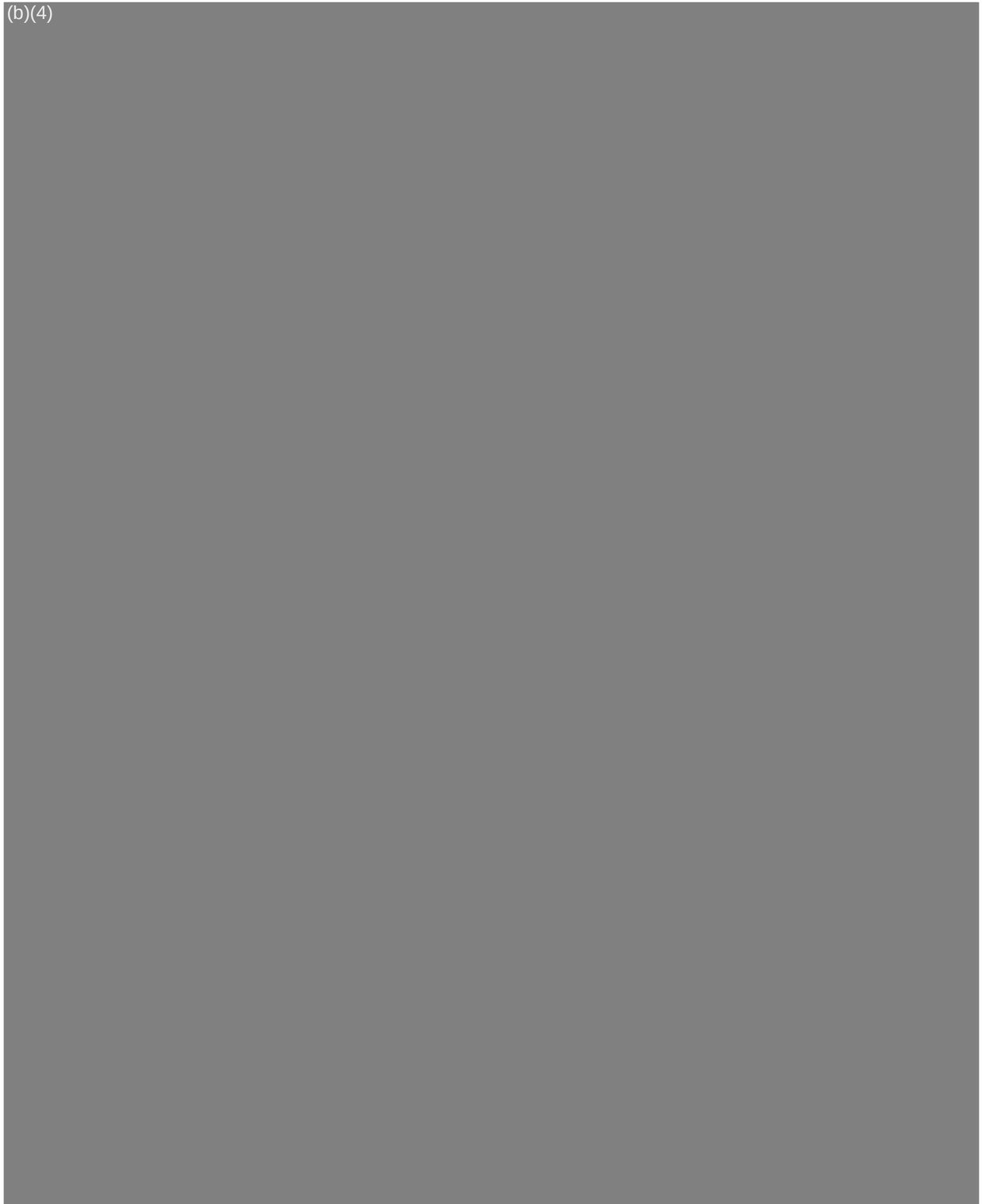
Contractors performing on-site shall comply with all applicable Environmental policies and procedures including, but not limited to, MPD 8500.1 and MPR 8500.1, "MSFC Environmental Management Program." MSFC contractors requiring on-site activities that could potentially impact the environment shall be responsible for following all established NASA/Marshall environmental procedures. These procedures and other applicable policies and procedures are available by contacting the NASA/Marshall Environmental Engineering & Occupational Health Office.

Failure to comply with environmental policies and procedures, may result in damage to the environment, and could potentially result in regulatory penalties against NASA and/or the Contractor, and Contractor loss of access to NASA/Marshall facilities.

(End of Clause)

H.28 SMALL DISADVANTAGED BUSINESS PARTICIPATION – CONTRACT TARGETS

(b)(4)



H.29 REQUIREMENTS FOR THE PROTECTION OF INFORMATION AND INFORMATION TECHNOLOGY ASSETS

This contract contains NFS 1852.204-76 Security Requirements for Unclassified Information Technology Resources. This clause specifies the contractor's responsibilities for the protection of information and information technology resources. Paragraph (b) of NFS 1852.204-76 clause identifies technical security requirements that NASA requires for the protection of information and information technology.

A determination has been made that the requirements of this contract may not require the delivery of the documentation and technical information specified in paragraph (b) of NFS 1852.204-76. Therefore, in accordance with paragraph (d) of NFS 1852.204-76, the contractor may request that the Contracting Officer waive the requirements of paragraph (b) provided that the contractor provides such request in writing and that such request provide all necessary rationale to substantiate the justification. This request shall be submitted to the Contracting Officer within 30 days of contract award. Upon receipt of this request, the Contracting Officer will forward this request for waiver to the MSFC Information Technology Security Manager for a final decision. The Contracting Officer will inform the requestor within 30 days whether the waiver has been approved or denied and shall maintain all documentation related to this determination in an appropriate location

(End of clause)

H.30 52.223-93 ADVANCED NOTIFICATION OF CONTRACTOR EMPLOYEE DISCIPLINE OR INVOLUNTARY TERMINATION (MSFC 52.223) (FEB 2008)

The Contractor agrees to coordinate with the Investigations Unit Lead Investigator in the MSFC Protective Services Office before taking any action to discipline or involuntarily terminate any of its onsite employees. In addition, the Contractor agrees to immediately notify the Investigations Unit Lead Investigator in the MSFC Protective Services Office if any of its onsite employees exhibit any established indicators of potentially violent behavior.

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Conflict Management And Workplace Violence Prevention Guidelines

CATAGORIES/LEVELS	EXAMPLES	INTERVENTION	CALL:
LEVEL I - - Implied (Covert) Threats - Verbal/Mental Abuse - Harassment/Badgering - Inappropriate Tones (Threatening) Or Gestures (Menacing)	- Screaming, Yelling, Belligerent Tones "You'll Pay For This." "You'll Be Sorry." - Name Calling, Berating, Sarcasm - Unfounded Criticism – "You Can't Do Anything Right." - Refusing To Leave An Area (Office) When Asked To Do So. - Intentionally Crowding To Intimidate. - Blocking Access Or Exit To/From The Area.	Supervisors: - Report To Your Supervisor Consult With EAP, HR, Security as appropriate - Plan To Define/Address Problem - Document Employees: - Report To Supervisor - Document	Employee Assistance Program Contact Number: 544-7549 EAP will notify HR and Security as appropriate.
LEVEL II – - Threatening Gestures - Specific Written Or Verbal Threats (Overt) - Property Abuse/Mishandling - Stalking	- Raising Hand Or Object To Strike Someone - Any Written Or Verbal Threat To Harm, Avenge Or Retaliate - Throwing Objects, Slamming Doors, Slamming Fists On Desk, Hitting Or Kicking Walls Or Objects - Monitoring A Co-Workers Activities To Satisfy Personal Objectives (Unwarranted Attention)	Supervisors: - Report To Your Supervisor Consult HR, EAP, Security - Plan Of Action (Disciplinary Action, Mandatory Anger Management Referral, Victim Assistance) - Document Employees: - Report to Supervisor - Document Any/All Staff: - Activate Emergency Response Procedures – Do Not Try To Handle On Own! - Report To Supervisor - Assist In Maintaining Calm If Possible - Assist In Victim Care If Possible - Leave The Area If Necessary For Your Safety - Document Supervisors: - Arrange Debriefing After Resolved (All Persons Impacted) - Coordinate Plan Of Action With HR, EAP, After Crisis Resolved	Civil Service Employees: Human Resources Office Contact Number: 961-0457 Contractor Employees: Your company's Human Resources Office HR will notify EAP and Security as appropriate.
LEVEL III – "Scuffles" (Physical Contact) - Destruction - Assault – Physical, Sexual, Armed - A presently occurring loss-of-control event creating fear of imminent harm	- Shoving - Grabbing - Jabbing - Poking Or Prodding - Tripping Or Intentionally Bumping Or Jostling - Breaking Equipment - Breaking Or Putting Holes In Doors, Walls, Windows, Etc. - Intentional Use Of Objects For Purpose Of Destruction – Fire, Bombs, Chemicals, Vehicle, Etc. - Any Intentional Harmful Physical Contact - Unremitting rampage of loud, threatening, or incoherent speech	Any/All Staff: - Activate Emergency Response Procedures – Do Not Try To Handle On Own! - Report To Supervisor - Assist In Maintaining Calm If Possible - Assist In Victim Care If Possible - Leave The Area If Necessary For Your Safety - Document Supervisors: - Arrange Debriefing After Resolved (All Persons Impacted) - Coordinate Plan Of Action With HR, EAP, After Crisis Resolved	Emergency Contact Number: 911 Office of Security Contact Number: 544-4753 Dispatch Will Notify Security, HR, EAP

(End of clause)

H.31 INCORPORATION OF THE CONTRACTOR'S PROPOSED INNOVATIONS INTO CONTRACT NNM08AA54C

(b)(4)

Page 24 redacted for the following reason:

(b)(4)

PART II – CONTRACT CLAUSES

SECTION I-CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

FAR Clauses:

<http://www.arnet.gov/far/>

NASA FAR Supplement clauses:

<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

MSFC Clauses:

http://ec.msfc.nasa.gov/msfc/msfc_uni.html

(End of Clause)

NOTICE: The following clauses are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR Chapter 1) CLAUSES

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
52.202-1	Definitions	Jul 2004
52.203-3	Gratuities	Apr 1984
52.203-5	Covenant Against Contingent Fees	Apr 1984
52.203-6	Restrictions on Subcontractor Sales to the Government	Sep 2006
52.203-7	Anti-Kickback Procedures	Jul 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	Jan 1997
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity	Jan 1997
52.203-12	Limitation on Payments to Influence Certain Federal Transactions	Sep 2005
52.203-13	Contractor Code of Business Ethics and Conduct	Dec 2007
52.204-4	Printed or Copied Double-Sided on Recycled Paper	Aug 2000
52.204-7	Central Contract Registration	Jul 2006
52.204-9	Personal Identity Verification of Contractor Personnel	Nov 2006
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment	Jul 1995

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
52.211-15	Defense Priority and Allocation Requirements	Sep 1990

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
52.215-2	Audit and Records – Negotiation	Jun 1999
52.215-8	Order of Precedence – Uniform Contract Format	Oct 1997
52.215-14	Integrity of Unit Prices	Oct 1997
52.217-8	Option to Extend Services <i>Insert in paragraph: <u>30 days</u></i>	Nov 1999
52.217-9	Option To Extend the Term of the Contract <i>Insert in paragraph (a): <u>30 days</u> and <u>60 days</u> Insert in paragraph (c):<u>96 months</u></i>	Mar 2000
52.219-8	Utilization of Small Business Concerns	May 2004
52.219-9	Small Business Subcontract – Alternate II (Oct 2001)	Sep 2006
52.219-16	Liquidated Damages – Small Business Subcontracting Plan	Jan 1999
52.219-25	Small Disadvantaged Business Participation Program – Disadvantaged Status and Reporting	Oct 1999
52.222-1	Notice to the Government of Labor Disputes	Feb 1997
52.222-3	Convict Labor	Jun 2003
52.222-4	Contract Work Hours and Safety Standards Act- Overtime Compensation	Jul 2005
52.222-21	Prohibition of Segregated Facilities	Feb 1999
52.222-26	Equal Opportunity	Mar 2007
52.222-35	Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	Dec 2001
52.222-36	Affirmative Action for Workers with Disabilities	Jun 1998
52.222-37	Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	Sept 2006
52.222-41	Service Contract Act of 1965, As Amended	May 1989
52.222-43	Fair Labor Standards Act and Service Contract Act— Price Adjustment (Multiple Year and Option Contracts).	Nov 2006
52.222-50	Combatting Trafficking in Persons	Aug 2007
52.223-2	Affirmative Procurement of Biobased Products Under Service And Construction Contracts	Dec 2007
52.223-5	Pollution Prevention and Right-to-Know Information (Alternate II) (Aug 2003)	Aug 2003
52.223-6	Drug-Free Workplace	May 2001

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
52.223-9	Estimate of Percentage of Recovered Material Content for EPA Designated Products Insert in (b)(2) "AD10/Environmental Engineering Department, Marshall Space Flight Center, AL 35812	Aug 2000
52.223-10	Waste Reduction Program	Aug 2000
52.223-12	Refrigeration Equipment and Air Conditioners	May 1995
52.223-14	Toxic Chemical Release Reporting	Aug 2003
52.223-15	Energy Efficiency in Energy-Consuming Products	Dec 2007
52.225-13	Restrictions on Certain Foreign Purchases	Feb 2006
52.227-1	Authorization & Consent	Jul 1995
52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement	Aug 1996
52.227-14	Rights in Data-General –As modified by NASA FAR SUPPLEMENT 1852.227-14	Jun 1987
52.227-19	Commercial Computer Software-Restricted Rights. As modified by NASA FAR SUPPLEMENT 1852.227-19	
52.228-5	Insurance—Work on a Government Installation	Jan 1997
52.229-3	Federal, State, and Local Taxes	Apr 2003
52.230-2	Cost Accounting Standards	Apr 1998
52.232-1	Payments	Apr 1984
52.232-7	Payments Under Time-and-Materials and Labor-Hour Contracts – Payments under Time-and-Materials and Labor-Hour Contracts: Insert “30 th Day” in Paragraph 2	Feb 2007
52.232-8	Discounts for Prompt Payment	Feb 2002
52.232-11	Extras	Apr 1984
52.232-16	Progress Payments	April 2003
52.232-17	Interest	Jun 1996
52.232-18	Availability of Funds	Apr 1984
52.232-23	Assignment Of Claims	Jan 1986
52.232-25	Prompt Payment	Oct 2003
52.232-33	Payment By Electronic Funds Transfer- Central Contractor Registration	Oct 2003
52.233-1	Disputes (Alternate I) (Dec 1991)	Jul 2002
52.233-3	Protest After Award	Aug 1996
52.233-4	Applicable Law for Breach of Contract Claim	Oct 2004
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	Apr 1984
52.237-3	Continuity of Services	Jan 1991

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
52.239-1	Privacy Or Security Safeguards	Aug 1996
52.242-1	Notice Of Intent To Disallow Costs	Apr 1984
52.242-3	Penalties For Unallowable Costs	May 2001
52.242-4	Certification Of Final Indirect Costs	Jan 1997
52.242-13	Bankruptcy	Jul 1995
52.243-1	Changes – Fixed Price – As modified by NASA FAR SUPPLEMENT 1843.205 – Alternate II (Apr 1984): Insert “60 Days” In Lieu of “30 Days” in paragraph c.	Aug 1987
52.243-3	Changes – Time-and-Materials or Labor Hours	Sep 2000
52.244-2	Subcontracts: Insert “Exceeding \$500,000 in paragraph d.	Jun 2007
52.244-6	Subcontracts for Commercial Items	Sep 2006
52.245-1	Government Property	Jun 2007
52.245-9	Use and Charges	Jun 2007
52.246-4	Inspection of Services—Fixed-Price	Aug 1996
52.246-20	Warranty of Services	May 2001
52.246-25	Limitation Of Liability-Services	Feb 1997
52.247-1	Commercial Bill Of Lading Notations	Feb 2006
52.248-1	Value Engineering	Feb 2000
52.249-2	Termination for Convenience of the Government (Fixed-Price)	May 2004
52.249-8	Default (Fixed-Price Supply and Service).	Apr 1984
52.249-14	Excusable Delays	Apr 1984
52.253-1	Computer Generated Forms	Jan 1991

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

<u>Number</u>	<u>Clause Title</u>	<u>Date</u>
1852.219-74	Use of Rural Area Small Businesses	Sep 1990
1852.219-75	Small Business and Small Disadvantaged Business Subcontracting Reporting	May 1999
1852.219-76	NASA 8 Percent Goal	Jul 1997
1852.223-74	Drug and Alcohol-Free Workforce	Mar 1996
1852.237-70	Emergency Evacuation Procedures	Dec 1988
1852.243-71	Shared Savings	Mar 1997

(End of Clause)

**I.2 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS
OF OFFERORS OR QUOTERS INCORPORATED BY REFERENCE (MSFC
52.252-90) (FEB 2001))**

The Representations, Certifications, and Other Statements of Offerors or Quoters (Section K of the solicitation document) as completed by the Contractor are hereby

incorporated in their entirety by reference, with the same force and effect as if they were given in full text.

(End of Clause)

I.3 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)

This contract is subject to the written approval of the Procurement Officer and shall not be binding until so approved.

(End of Clause)

I.4 ORDERING (FAR 52.216-18) (OCT 1995)

- A. Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of contract award through the end of contract performance.
- B. All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.
- C. If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of Clause)

I.5 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)

- A. Minimum Order. When the Government requires supplies and services covered by this contract in an amount of less than \$100, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services

under the contract.

- B. Maximum Order. The Contractor is not obligated to honor any order for a single item in excess of \$5,000,000.
- C. If this is a requirements contract (i.e. includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph B., of this section.
- D. Notwithstanding paragraphs B. and C. of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph B., unless that order (or orders) is returned to the ordering office within five (5) days after issuance, with written notice stating the Contractor's intent not to perform the requested services and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of Clause)

I.6 INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995)

- A. This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.
- B. Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."
- C. Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.
- D. Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent

as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after 30 calendar days after the effective period ends.

(End of Clause)

I.7 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (FAR 52.219-4) (JUL 2005)

- A. Definition. "HUBZone small business concern," as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.
- B. Evaluation preference.
 - 1. Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except-
 - (a) Offers from HUBZone small business concerns that have not waived the evaluation preference;
 - (b) Otherwise successful offers from small business concerns;
 - 2. The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.
 - 3. A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.
- C. Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

☐ Offeror elects to waive the evaluation preference.

- D. Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for:
1. Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;
 2. Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;
 3. General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be will be spent on the concern's employees or the employees of other HUBZone small business concerns; or
 4. Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.
- E. A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph D. of this clause will be performed by the HUBZone small business participant or participants.
- F. A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

(End of clause)

I.8 NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS (FAR 52.219-23) (SEP 2005)

- A. Definitions. As used in this clause-

"Small disadvantaged business concern" means an offeror that represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either-

1. It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR part 124, subpart B; and
 - (a) No material change in disadvantaged ownership and control has occurred since its certification;
 - (b) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and
 - (c) It is identified, on the date of its representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net).
2. It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR part 124, subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted. In this case, in order to receive the benefit of a price evaluation adjustment, an offeror must receive certification as a small disadvantaged business concern by the Small Business Administration prior to contract award; or
3. Is a joint venture as defined in 13 CFR 124.1002(f).

"Historically black college or university" means an institution determined by the Secretary of Education to meet the requirements of 34 CFR 608.2. For the Department of Defense (DoD), the National Aeronautics and Space Administration (NASA), and the Coast Guard, the term also includes any nonprofit research institution that was an integral part of such a college or university before November 14, 1986.

"Minority institution" means an institution of higher education meeting the requirements of Section 1046(3) of the Higher Education Act of 1965 (20 U.S.C. 1067k, including a Hispanic-serving institution of higher education, as defined in Section 316(b)(1) of the Act (20 U.S.C. 1101a)).

"United States" means the United States, its territories and possessions, the Commonwealth of Puerto Rico, the U.S. Trust Territory of the Pacific Islands, and the District of Columbia.

B. Evaluation adjustment.

1. The Contracting Officer will evaluate offers by adding a factor of 10 percent to the price of all offers, except-
 - (a) Offerors from small disadvantaged concerns, that have not waived the adjustment, and
 - (b) An otherwise successful offer from a historically black college or university or minority institution.
 2. The Contracting Officer will apply the factor to a line item or a group of line items on which award may be made. The Contracting Officer will apply other evaluation factors described in the solicitation before application of the factor. The factor may not be applied if using the adjustment would cause the contract award to be made at a price that exceeds the fair market price by more than the factor in paragraph (b)(1) of this clause.
- C. Waiver of evaluation adjustment. A small disadvantaged business concern may elect to waive the adjustment, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply to offers that waive the adjustment.
- ☐ Offeror elects to waive the adjustment.
- D. Agreements.
1. A small disadvantaged business concern, that did not waive the adjustment, agrees that in performance of the contract, in the case of a contract for-
 - (a) Services, except construction, at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern;
 - (b) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern;
 - (c) General construction, at least 15 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern; or
 - (d) Construction by special trade contractors, at least 25 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern.
 2. A small disadvantaged business concern submitting an offer in its own name shall furnish in performing this contract only end items manufactured or

produced by small business concerns in the United States or its outlying areas. This paragraph does not apply in connection with construction or service contracts.

(End of clause)

I.9 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES
(FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION

A. Classification, Grades and Rates

<u>Employee Classification</u>	<u>Grade</u>	<u>Rates (dollars)</u> <u>Including</u> <u>Fringe Benefits</u>
Boiler Tender	WG-10	20.51
Accounting Clerk II	GS-04	12.47
General Clerk III	GS-04	11.10
Personnel Assistant III	GS-06	15.55
Service Order Dispatcher	GS-04	12.47
Pest Controller	WG-07	17.86
Stock Clerk	WG-04	12.47
Order Clerk II	GS-03	11.10
Secretary I	GS-04	12.47
Secretary II	GS-05	13.95

Bricklayer (Mason)	WG-10	20.51
Carpenter, Foreman	WS-07	24.07
Non-Exempt Classifications Union Represented (Building Trades Council-continued)		
Carpenter, Maintenance	WG-09	19.61
Operating Engineers (Diesel/Crane Mech.)	WG-09	19.61
Operating Engineer (Diesel/Crane Mech) Foreman	WS-07	24.07
Electrician	WG-11	21.39
Electrician (Apprentice 3 year)	WG-07	17.86
Electrician (Elevator Mechanic)	WG-11	21.39
HVAC Mechanic, Electrical	WG-11	21.39
Operating Engineers (Equipment Operator)	WG-10	20.51
HVAC Mechanic Foreman Electrical	WS-07	24.07
HVAC Mechanic Foreman Pipefitter	WS-07	24.07
Pipefitter (HVAC Mechanic)	WG-10	20.51
Insulator	WG-09	19.61
Insulator (Apprentice 3 year)	WG-06	16.97
Insulator (Apprentice 4 year)	WG-07	17.86
Laborer	WG-03	13.64
Laborer Foreman	WS-01	17.86

Millwright	WG-11	21.39
Millwright Tool and Die Maker (Machinist)	WG-11	21.39
Millwright (Foreman)	WS-07	24.07

**Non-Exempt Classifications Union
Represented
(Building Trades Council-continued)**

Electrician Foreman	WS-08	24.94
Millwright (Apprentice 2 year)	WG-07	17.86
Millwright (welder)	WG-11	21.39
Painter, Foreman	WS-07	24.07
Painter	WG-09	19.61
Pipefitter	WG-10	20.51
Pipefitter (Apprentice II)	WG-08	18.70
Pipefitter (Apprentice IV)	WG-09	19.61
Pipefitter (Plumber)	WG-10	20.51
Pipefitter (Welder)	WG-10	20.51
Pipefitter Foreman	WS-07	23.53
Sheet Metal Worker Foreman	WS-07	24.07
Sheet Metal Worker	WG-10	20.51
Sheet Metal Worker (Apprentice IV)	WG-09	19.61
Utility Person	WG-04	14.95

**Non-Exempt Classifications Union
Represented
(International Brotherhood of Electrical
Workers, Local 558)**

Valve Specialist	WG-10	20.51
Electrical Facility Technician	WG-09	19.61
Mechanical Facility Technician	WG-09	19.61
De-Ionized Water Treatment Technician	WG-09	19.61
Wastewater Treatment Technician	WG-09	19.61

B. Fringe Benefits (applicable to all classifications)

1. Health and Insurance
Life, accident and health insurance and sick leave program, 25 percent of basic hourly rate.
2. Holidays

a. New Year's Day	f. Labor Day
b. Martin Luther King's Birthday	g. Columbus Day
c. President's Birthday	h. Veterans Day
d. Memorial Day	i. Thanksgiving Day
e. Independence Day	j. Christmas Day
3. Vacation or Paid Leave
 - a. 2 hours of annual leave each week for an employee with less than 3 years of service.
 - b. 3 hours of annual leave each week for an employee with 3 but less than 15 years of service.
 - c. 4 hours of annual leave each week for an employee with 15 or more years of service.
4. Retirement
1-1/2 percent of basic hourly rate plus Thrift Savings Plan plus Social Security.

(End of Clause)

I.10 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (FAR 52.222-39) (DEC 2004)

A. *Definition.* As used in this clause-

"United States" means the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.

- B. Except as provided in paragraph (e) of this clause, during the term of this contract, the Contractor shall post a notice, in the form of a poster, informing employees of

their rights concerning union membership and payment of union dues and fees, in conspicuous places in and about all its plants and offices, including all places where notices to employees are customarily posted. The notice shall include the following information (except that the information pertaining to National Labor Relations Board shall not be included in notices posted in the plants or offices of carriers subject to the Railway Labor Act, as amended (45 U.S.C. 151-188)).

Notice to Employees

Under Federal law, employees cannot be required to join a union or maintain membership in a union in order to retain their jobs. Under certain conditions, the law permits a union and an employer to enter into a union-security agreement requiring employees to pay uniform periodic dues and initiation fees. However, employees who are not union members can object to the use of their payments for certain purposes and can only be required to pay their share of union costs relating to collective bargaining, contract administration, and grievance adjustment.

If you do not want to pay that portion of dues or fees used to support activities not related to collective bargaining, contract administration, or grievance adjustment, you are entitled to an appropriate reduction in your payment. If you believe that you have been required to pay dues or fees used in part to support activities not related to collective bargaining, contract administration, or grievance adjustment, you may be entitled to a refund and to an appropriate reduction in future payments. For further information concerning your rights, you may wish to contact the National Labor Relations Board (NLRB) either at one of its Regional offices or at the following address or toll free number:

*National Labor Relations Board
Division of Information
1099 14th Street, N.W.
Washington DC, 20570
1-866-667-6572
1-866-316-6572 (TTY)*

To locate the nearest NLRB office, see NLRB's website at <http://www.nlr.gov>.

- C. The Contractor shall comply with all provisions of Executive Order 13201 of February 17, 2001, and related implementing regulations at 29 CFR part 470, and orders of the Secretary of Labor.
- D. In the event that the Contractor does not comply with any of the requirements set forth in paragraphs (b), (c), or (g), the Secretary may direct that this contract be cancelled, terminated, or suspended in whole or in part, and declare the

Contractor ineligible for further Government contracts in accordance with procedures at 29 CFR part 470, Subpart B-Compliance Evaluations, Complaint Investigations and Enforcement Procedures. Such other sanctions or remedies may be imposed as are provided by 29 CFR part 470, which implements Executive Order 13201, or as are otherwise provided by law.

E. The requirement to post the employee notice in paragraph (b) does not apply to-

- (1) Contractors and subcontractors that employ fewer than 15 persons;
- (2) Contractor establishments or construction work sites where no union has been formally recognized by the Contractor or certified as the exclusive bargaining representative of the Contractor's employees;
- (3) Contractor establishments or construction work sites located in a jurisdiction named in the definition of the United States in which the law of that jurisdiction forbids enforcement of union-security agreements;
- (4) Contractor facilities where upon the written request of the Contractor, the Department of Labor Deputy Assistant Secretary for Labor-Management Programs has waived the posting requirements with respect to any of the Contractor's facilities if the Deputy Assistant Secretary finds that the Contractor has demonstrated that-
 - (a) The facility is in all respects separate and distinct from activities of the Contractor related to the performance of a contract; and
 - (b) Such a waiver will not interfere with or impede the effectuation of the Executive order; or
- (5) Work outside the United States that does not involve the recruitment or employment of workers within the United States.

F. The Department of Labor publishes the official employee notice in two variations; one for contractors covered by the Railway Labor Act and a second for all other contractors. The Contractor shall-

- (1) Obtain the required employee notice poster from the Division of Interpretations and Standards, Office of Labor-Management Standards, U.S. Department of Labor, 200 Constitution Avenue, NW, Room N-5605, Washington, DC 20210, or from any field office of the Department's Office of Labor-Management Standards or Office of Federal Contract Compliance Programs;

(2) Download a copy of the poster from the Office of Labor-Management Standards website at <http://www.olms.dol.gov> ; or

(3) Reproduce and use exact duplicate copies of the Department of Labor's official poster.

G. The Contractor shall include the substance of this clause in every subcontract or purchase order that exceeds the simplified acquisition threshold, entered into in connection with this contract, unless exempted by the Department of Labor Deputy Assistant Secretary for Labor-Management Programs on account of special circumstances in the national interest under authority of 29 CFR 470.3(c). For indefinite quantity subcontracts, the Contractor shall include the substance of this clause if the value of orders in any calendar year of the subcontract is expected to exceed the simplified acquisition threshold. Pursuant to 29 CFR part 470, Subpart B-Compliance Evaluations, Complaint Investigations and Enforcement Procedures, the Secretary of Labor may direct the Contractor to take such action in the enforcement of these regulations, including the imposition of sanctions for noncompliance with respect to any such subcontract or purchase order. If the Contractor becomes involved in litigation with a subcontractor or vendor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States, through the Secretary of Labor, to enter into such litigation to protect the interests of the United States.

(End of Clause)

I.11 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (NFS 1852.204-76) (MAY 2008) (DEVIATION)

A. The Contractor shall be responsible for information and information technology (IT) security when –

- (1) The Contractor or its subcontractors must obtain physical or electronic (i.e., authentication level 2 and above as defined in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-63, Electronic Authentication Guideline) access to NASA's computer systems, networks, or IT infrastructure; or
- (2) Information categorized as low, moderate, or high by the Federal Information Processing Standards (FIPS) 199, Standards for Security Categorization of Federal Information and Information Systems is stored, generated, processed, or exchanged by NASA or on behalf of NASA by a contractor or subcontractor,

regardless of whether the information resides on a NASA or a contractor/subcontractor's information system.

B. IT Security Requirements.

- (1) Within 30 days after contract award, a Contractor shall submit to the Contracting Officer for NASA approval an IT Security Plan, Risk Assessment, and FIPS 199, Standards for Security Categorization of Federal Information and Information Systems, Assessment. These plans and assessments, including annual updates shall be incorporated into the contract as compliance documents.
 - (a) The IT system security plan shall be prepared consistent, in form and content, with NIST SP 800-18, Guide for Developing Security Plans for Federal Information Systems, and any additions/augmentations described in NASA Procedural Requirements (NPR) 2810, Security of Information Technology. The security plan shall identify and document appropriate IT security controls consistent with the sensitivity of the information and the requirements of Federal Information Processing Standards (FIPS) 200, Recommended Security Controls for Federal Information Systems. The plan shall be reviewed and updated in accordance with NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems, and FIPS 200, on a yearly basis.
 - (b) The risk assessment shall be prepared consistent, in form and content, with NIST SP 800-30, Risk Management Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The risk assessment shall be updated on a yearly basis.
 - (c) The FIPS 199 assessment shall identify all information types as well as the "high water mark," as defined in FIPS 199, of the processed, stored, or transmitted information necessary to fulfill the contractual requirements.
- (2) The Contractor shall produce contingency plans consistent, in form and content, with NIST SP 800-34, Contingency Planning Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The Contractor shall perform yearly "Classroom Exercises." "Functional Exercises," shall be coordinated with the Center CIOs and be conducted once every three years, with the first conducted within the first two years of contract award. These exercises are defined and described in NIST SP 800-34.
- (3) The Contractor shall ensure coordination of its incident response team with the NASA Incident Response Center (NASIRC) and the NASA Security Operations

Center, ensuring that incidents are reported consistent with NIST SP 800-61, Computer Security Incident Reporting Guide, and the United States Computer Emergency Readiness Team's (US-CERT) Concept of Operations for reporting security incidents. Specifically, any confirmed incident of a system containing NASA data or controlling NASA assets shall be reported to NASIRC within one hour that results in unauthorized access, loss or modification of NASA data, or denial of service affecting the availability of NASA data.

- (4) The Contractor shall ensure that its employees, in performance of the contract, receive annual IT security training in NASA IT Security policies, procedures, computer ethics, and best practices in accordance with NPR 2810 requirements. The Contractor may use web-based training available from NASA to meet this requirement.
- (5) The Contractor shall provide NASA, including the NASA Office of Inspector General, access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of the contract. Access shall be provided to the extent required to carry out IT security inspection, investigation, and/or audits to safeguard against threats and hazards to the integrity, availability, and confidentiality of NASA information or to the function of computer systems operated on behalf of NASA, and to preserve evidence of computer crime. To facilitate mandatory reviews, the Contractor shall ensure appropriate compartmentalization of NASA information, stored and/or processed, either by information systems in direct support of the contract or that are incidental to the contract.
- (6) The Contractor shall ensure that system administrators who perform tasks that have a material impact on IT security and operations demonstrate knowledge appropriate to those tasks. A system administrator is one who provides IT services (including network services, file storage, and/or web services) to someone other than themselves and takes or assumes the responsibility for the security and administrative controls of that service.
- (7) The Contractor shall ensure that NASA's Sensitive But Unclassified (SBU) information as defined in NPR 1600.1, NASA Security Program Procedural Requirements, which includes privacy information, is encrypted in storage and transmission.
- (8) When the Contractor is located at a NASA Center or installation or is using NASA IP address space, the Contractor shall –

- (a) Submit requests for non-NASA provided external Internet connections to the Contracting Officer for approval by the Network Security Configuration Control Board (NSCCB);
- (b) Comply with the NASA CIO metrics including patch management, operating systems and application configuration guidelines, vulnerability scanning, incident reporting, system administrator certification, and security training; and
- (c) Utilize the NASA Public Key Infrastructure (PKI) for all encrypted communication or non-repudiation requirements within NASA when secure email capability is required.

C. Physical and Logical Access Requirements.

- (1) Contractor personnel requiring access to IT systems operated by the Contractor for NASA or interconnected to a NASA network shall be screened at an appropriate level in accordance with NPR 2810 and Chapter 4, NPR 1600.1, NASA Security Program Procedural Requirements. NASA shall provide screening, appropriate to the highest risk level, of the IT systems and information accessed, using, as a minimum, National Agency Check with Inquiries (NACI). The Contractor shall submit the required forms to the NASA Center Chief of Security (CCS) within fourteen (14) days after contract award or assignment of an individual to a position requiring screening. The forms may be obtained from the CCS. At the option of NASA, interim access may be granted pending completion of the required investigation and final access determination. For Contractors who will reside on a NASA Center or installation, the security screening required for all required access (e.g., installation, facility, IT, information, etc.) is consolidated to ensure only one investigation is conducted based on the highest risk level. Contractors not residing on a NASA installation will be screened based on their IT access risk level determination only. See NPR 1600.1, Chapter 4.
- (2) Guidance for selecting the appropriate level of screening is based on the risk of adverse impact to NASA missions. NASA defines three levels of risk for which screening is required (IT-1 has the highest level of risk).
 - (a) IT-1 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause very serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of spacecraft, satellites or aircraft.
 - (b) IT-2 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause serious adverse impact to NASA missions.

These systems include, for example, those that can transmit commands directly modifying the behavior of payloads on spacecraft, satellites or aircraft; and those that contain the primary copy of “level 1” information whose cost to replace exceeds one million dollars.

- (c) IT-3 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause significant adverse impact to NASA missions. These systems include, for example, those that interconnect with a NASA network in a way that exceeds access by the general public, such as bypassing firewalls; and systems operated by the Contractor for NASA whose function or information has substantial cost to replace, even if these systems are not interconnected with a NASA network.
- (3) Screening for individuals shall employ forms appropriate for the level of risk as established in Chapter 4, NPR 1600.1.
- (4) The Contractor may conduct its own screening of individuals requiring privileged access or limited privileged access provided the Contractor can demonstrate to the Contracting Officer that the procedures used by the Contractor are equivalent to NASA's personnel screening procedures for the risk level assigned for the IT position.
- (5) Subject to approval of the Contracting Officer, the Contractor may forgo screening of Contractor personnel for those individuals who have proof of a –
 - (a) Current or recent national security clearances (within last three years);
 - (b) Screening conducted by NASA within the last three years that meets or exceeds the screening requirements of the IT position; or
 - (c) Screening conducted by the Contractor, within the last three years, that is equivalent to the NASA personnel screening procedures as approved by the Contracting Officer and concurred on by the CCS.
 - (d) The Contracting Officer may waive the requirements of paragraphs (B) and (C)(1) through (C)(3) upon request of the Contractor. The Contractor shall provide all relevant information requested by the Contracting Officer to support the waiver request.
 - (e) The Contractor shall contact the Contracting Officer for any documents, information, or forms necessary to comply with the requirements of this clause.

- (f) At the completion of the contract, the Contractor shall return all NASA information and IT resources provided to the Contractor during the performance of the contract and certify that all NASA information has been purged from Contractor-owned systems used in the performance of the contract.
- (g) The Contractor shall insert this clause, including this paragraph (g), in all subcontracts
 - (1) Have physical or electronic access to NASA's computer systems, networks, or IT infrastructure; or
 - (2) Use information systems to generate, store, process, or exchange data with NASA or on behalf of NASA, regardless of whether the data resides on a NASA or a contractor's information system.

(End of Clause)

I.12 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6) (APR 1984)

- A. The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.
- B. The use in this solicitation or contract of any NASA FAR Supplement clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of Clause)

I.13 OMBUDSMAN (NFS 1852.215-84) (OCT 2003) (ALTERNATE I) (JUNE 2000)

- A. An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the pre-award and post-award phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

- B. If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, Ms. Robin N. Henderson, George C. Marshall Space Flight Center, DEO1, Building 4200, Marshall Space Flight Center, AL 35812, telephone: 256-544-1919, facsimile: 256-544-7920, and e-mail address: Robin.N.Henderson@nasa.gov.

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail, james.a.balinskas@.nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

- C. If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

(End of Clause)

I.14 RELEASE OF SENSITIVE INFORMATION (NFS 1852.237-73)
(JUNE 2005)

- A. As used in this clause, "sensitive information" refers to information, not currently in the public domain, that the Contractor has developed at private expense, that may embody trade secrets or commercial or financial information, and that may be sensitive or privileged.
- B. In accomplishing management activities and administrative functions, NASA relies heavily on the support of various service providers. To support NASA activities and functions, these service providers, as well as their subcontractors and their individual employees, may need access to sensitive information submitted by the Contractor under this contract. By submitting this proposal or performing this contract, the Contractor agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement, subject to the enumerated protections mandated by the clause at 1852.237-72, Access to Sensitive Information.
- C. (1) The Contractor shall identify any sensitive information submitted in support of this proposal or in performing this contract. For purposes of identifying sensitive information, the Contractor may, in addition to any other notice or legend otherwise required, use a notice similar to the following:

Mark the title page with the following legend:

This proposal or document includes sensitive information that NASA shall not disclose outside the Agency and its service providers that support management activities and administrative functions. To gain access to this sensitive information, a service provider's contract must contain the clause at NFS 1852.237-72, Access to Sensitive Information. Consistent with this clause, the service provider shall not duplicate, use, or disclose the information in whole or in part for any purpose other than to perform the services specified in its contract. This restriction does not limit the Government's right to use this information if it is obtained from another source without restriction.

The information subject to this restriction is contained in pages of Volume I, all pages, Volume II, all pages, Volume III, all pages, and Volume IV, all pages.

Mark each page of sensitive information the Contractor wishes to restrict with the following legend:

Use or disclosure of sensitive information contained on this page is subject to the restriction on the title page of this proposal or document.

- (2) The Contracting Officer shall evaluate the facts supporting any claim that particular information is "sensitive." This evaluation shall consider the time and resources necessary to protect the information in accordance with the detailed safeguards mandated by the clause at NFS1852.237-72, Access to Sensitive Information. However, unless the Contracting Officer decides, with the advice of Center counsel, that reasonable grounds exist to challenge the Contractor's claim that particular information is sensitive, NASA and its service providers and their employees shall comply with all of the safeguards contained in paragraph (d) of this clause.
- D. To receive access to sensitive information needed to assist NASA in accomplishing management activities and administrative functions, the service provider must be operating under a contract that contains the clause at NFS 1852.237-72, Access to Sensitive Information. This clause obligates the service provider to do the following:
- (1) Comply with all specified procedures and obligations, including the Organizational Conflicts of Interest Avoidance Plan, which the contract has incorporated as a compliance document.

- (2) Utilize any sensitive information coming into its possession only for the purpose of performing the services specified in its contract.
 - (3) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.
 - (4) Allow access to sensitive information only to those employees that need it to perform services under its contract.
 - (5) Preclude access and disclosure of sensitive information to persons and entities outside of the service provider's organization.
 - (6) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in its contract and to safeguard it from unauthorized use and disclosure.
 - (7) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.
 - (8) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.
- E. When the service provider will have primary responsibility for operating an information technology system for NASA that contains sensitive information, the service provider's contract shall include the clause at 1852.204-76, Security Requirements for Unclassified Information Technology Resources. The Security Requirements clause requires the service provider to implement an Information Technology Security Plan to protect information processed, stored, or transmitted from unauthorized access, alteration, disclosure, or use. Service provider personnel requiring privileged access or limited privileged access to these information technology systems are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to NASA missions. The Contracting Officer may allow the service provider to conduct its own screening, provided the service provider employs substantially equivalent screening procedures.
- F. This clause does not affect NASA's responsibilities under the Freedom of Information Act.

- G. The Contractor shall insert this clause, including this paragraph (g), suitably modified to reflect the relationship of the parties, in all subcontracts that may require the furnishing of sensitive information.

(End of Clause)

I.15 MINIMUM INSURANCE COVERAGE (NFS 1852.228-75) (OCT 1988)

The Contractor shall obtain and maintain insurance coverage as follows for the performance of this contract:

- A. Worker's compensation and employer's liability insurance as required by applicable Federal and state workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with the Contractor's commercial operations that it would not be practical. The employer's liability coverage shall be at least \$100,000, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.
- B. Comprehensive general (bodily injury) liability insurance of at least \$500,000 per occurrence.
- C. Motor vehicle liability insurance written on the comprehensive form of policy which provides for bodily injury and property damage liability covering the operation of all motor vehicles used in connection with performing the contract. Policies covering motor vehicles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury liability and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.
- D. Comprehensive general and motor vehicle liability policies shall contain a provision worded as follows:
- "The insurance company waives any right of subrogation against the United States of America which may arise by reason of any payment under the policy."
- E. When aircraft are used in connection with performing the contract, aircraft public and passenger liability insurance of at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall

be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.

(End of Clause)

I.16 LIMITATIONS ON SUBCONTRACTING (FAR 52.219-14) (DEC 1996)

- A. This clause does not apply to the unrestricted portion of a partial set-aside.
- B. By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for—
- (1) Services (except construction). At least 50 percent of the cost of contract performance incurred for personnel shall be expended for employees of the concern.
 - (2) Supplies (other than procurement from a non-manufacturer of such supplies). The concern shall perform work for at least 50 percent of the cost of manufacturing the supplies, not including the cost of materials.
 - (3) General construction. The concern will perform at least 15 percent of the cost of the contract, not including the cost of materials, with its own employees.
 - (4) Construction by special trade contractors. The concern will perform at least 25 percent of the cost of the contract, not including the cost of materials, with its own employees.

(End of Clause)

**I.17 POST-AWARD SMALL BUSINESS PROGRAM
REREPRESENTATION (FAR 52.219-28) (JUNE 2007)**

- A. Definitions. As used in this clause—
- Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.
- Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause.

- B. If the Contractor represented that it was a small business concern prior to award of this contract, the contractor shall re-represent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:
- (1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.
 - (2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.
 - (3) For long-term contracts—
 - (i) Within 60 to 120 days prior to the end of the fifth year of the contract; and
 - (ii) Within 60 to 120 days prior to the exercise date specified in the contract for any option thereafter.
- C. The Contractor shall re-represent its size status in accordance with the size standard in effect at the time of this re-representation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/services/contractingopportunities/sizestandardstopics/>.
- D. The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.
- E. Except as provided in paragraph (g) of this clause, the Contractor shall make the re-representation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure they reflect current status. The Contractor shall notify the contracting office by e-mail, or otherwise in writing, that the data have been validated or updated, and provide the date of the validation or update.
- F. If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.
- G. If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following re-representation

and submit it to the contracting office, along with the contract number and the date on which the re-representation was completed:

The Contractor represents that it _____ is, ☒ is not a small business concern under NAICS Code 561210 assigned to contract number NNM08AA54C.



Gary L. Dylewski
Vice President
Mission Support SBU

(End of Clause)

[END OF SECTION]

[illegible]

[illegible]

PART IV – REPRESENTATIONS AND INSTRUCTIONS**SECTION K – REPRESENTATIONS, CERTIFICATIONS, AND OTHER
STATEMENTS OF OFFERORS OR RESPONDENTS****K.1 LISTING OF PROVISIONS INCORPORATED BY REFERENCE****I. Federal Acquisition Regulation (48 CFR Chapter 1)**

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>
52.203-11	Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions	SEP 2005

II. NASA FAR Supplement (48 CFR CHAPTER 18) Clauses

<u>Clause Number</u>	<u>Title</u>	<u>Date</u>
None Included by Reference.		

(End of Provision)

**K.2 ANNUAL REPRESENTATIONS AND CERTIFICATIONS FAR 52.204-8
(JAN 2006)**

(A)(1) The North American Industry Classification System (NAICS) code for this acquisition is **561210.**

(2) The small business size standard is **\$32,500,000.**

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(B)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (c) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (c) of this provision instead of completing the corresponding individual representations and certification in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes.

☐ (a) Paragraph (C) applies.

☐ (b) Paragraph (C) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(C) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at <http://orca.bpn.gov> . After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below *[offeror to insert changes, identifying change by clause number, title, date]*. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of Provision)

[END OF SECTION]

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1.0 GENERAL REQUIREMENTS**1.1 GENERAL**

Attachment J-1 describes the work to be performed under this Center Operations Support Services (COSS) performance based contract for the Marshall Space Flight Center (MSFC). As part of this Performance Work Statement (PWS), the Contractor shall provide operations and maintenance of all MSFC facilities and collateral equipment and other related functions as described herein. These activities shall emphasize supporting the missions of MSFC in a safe, reliable and timely manner, with minimum disruptions to the facility occupants/users. NPR 8831.2 Facilities Maintenance Management shall govern this activity. Functions shall be performed by skilled craftsmen/technicians in accordance with this contract. Some MSFC employees are located at off-Center locations. This contract does not address operations and maintenance of those facilities. However, the Contractor may be requested, from time-to-time, to support a MSFC activity such as relocating equipment to an off-Center location for use, storage, off-Center recognition ceremonies, or other special events.

The U.S. Army, including maintenance of their respective distribution systems, furnishes basic utilities. The interfaces on these utility systems are normally five feet outside the building or at some specific convenient disconnect nearby. The U. S. Army will furnish routine maintenance work on the 4160-Volt system, with the exception of work listed in Paragraph 13.0. However, the Contractor shall have capability to de-energize 4160-Volt systems in emergency situations.

MSFC is committed to safety, quality, and core values. As a result of this a MSFC Safety, Health, and Environmental (SHE) Policy, a Quality Policy, and NASA Core Values have been established. These are provided below.

MSFC SHE Policy:

SAFETY: MSFC strives to prevent human injury and ensure the safety of all operations and products leading to mission success.

HEALTH: MSFC strives to prevent occupational illnesses and promote and maintain the physical and mental well being of its employees to help ensure mission success.

ENVIRONMENTAL: Enabling Marshall's mission through environmental compliance and stewardship.

MSFC Quality Policy:

MSFC policy is to provide quality products and services to our customers through the NASA Values: Safety, Teamwork, Integrity, and Mission Success.

1.2 **SCOPE OF WORK**

- A. General. The Contractor shall provide all resources, including labor, supervision, tools, equipment (except Government Equipment), materials, spare parts, incidental engineering, transportation, and management necessary to fulfill the work required as part of this contract. The Management Plan for accomplishing contract requirements shall be prepared in accordance with DRD 1197MA-002. The scope of this contract covers the following:

<u>Paragraph</u>	<u>Function</u>
1.0	General Requirements
2.0	Definitions and Acronyms
3.0	Documentation, Work Control, and Reliability Centered Maintenance (RCM)
4.0	Trouble Calls (TCs)/Trouble Call Services (TCS)
5.0	Engineering
6.0	Environmental Management Support
7.0	Facility Alarm and Monitoring Systems
8.0	Utilities and Surfaced Areas
9.0	Repair Buildings and Structures
10.0	Mechanical Systems
11.0	Steam Distribution System Operation
12.0	HVAC/R Systems
13.0	Electrical Distribution and Emergency Generating Systems
14.0	Emergency Management Support

B. Contractor Quality Control (QC)

The Contractor shall be responsible for supervising, directing, and otherwise controlling their own personnel. The Contractor shall be responsible for ensuring quality in the work associated with the performance of this contract. As a minimum, the Contractor's quality control program shall be compliant with American National Standards Institute (ANSI) American Society for Quality Control (ASQC) ANSI/ISO/ASQ Q9001: 2000, Quality Management Systems Requirements. The Contractor shall evaluate the entire scope of operations, assign a level of importance, and implement an effective quality control program. The Contractor shall provide the QCP in accordance with DRD 1197QE-001.

Further, the Contractor's established Quality Control Program shall be maintained in accordance with the FAR 52.246-4, "Inspection of Services - Fixed Price" and FAR 52.246-4, "Inspection-Time-and-Material and Labor-Hour" clauses, Section E, to ensure that the work performed under the contract conforms to the contract requirements. The Contractor's QCP shall provide Contractor management with an effective and efficient means of identifying and correcting problems throughout the entire scope of operations.

- C. Government Contract Quality Assurance (QA). In accordance with FAR 52.246-4, "Inspection of Services-Fixed Price" and FAR 52.246-4, "Inspection-Time-and-Material and Labor-Hour" clauses, Section E, each phase of the services rendered under this contract is subject to Government inspection. The Government's QA Surveillance Program is not a substitute for QC by the Contractor. All findings of unsatisfactory or non-performed work shall be administered in accordance with the "Consequences of Contractor's Failure to Perform Required Services" clause of Section E. All costs associated with rework to make the performance satisfactory are the responsibility of the Contractor and are over and above the deduct made pursuant to the "Consequences of Contractor's Failure to Perform Required Services" clause of Section E. The Government reserves the right to choose the inspection methods, define its own Predictive Testing and Inspection (PT&I) program to be used in implementing its QA Program, and vary the inspection methods utilized during the work, without notice to the Contractor. Additionally, the Government intends to use PT&I methods and results during Government surveillance to assist in documenting Contractor performance of the PM program. The Government will inform the Contractor of deficiencies discovered using PT&I methods and will make the PT&I data containing these deficiencies available. PT&I results will be used by the Government as input in determining monthly payments to the Contractor.
- D. System Configuration Control. Many of the systems at MSFC are under configuration control. Therefore, the Contractor shall obtain Government approval prior to making configuration changes to any existing system. Configuration control includes any change that affects form, fit, or function of the existing system or system component. The Contractor shall provide red lined drawings depicting any change in system configuration including identified discrepancies in existing system drawings, physical location changes or system modifications. Ink on paper or computer aided drafting files will be acceptable.
- E. Cooperation with Other Contractors. The Government may undertake or award other contracts for additional work at or near the site of work under this contract. The Contractor shall fully cooperate with other contractors and Government employees and shall carefully adapt scheduling and performance of work under this contract to accommodate the work by others, heeding any direction that may be provided by the COTR.
- F. Interface with the Utility Control System (UCS) Contractor. The COSS Contractor shall work closely with the UCS Contractor in the execution of their contract. The UCS contract is a 24/7 operation that typically provides for the monitoring and control of systems throughout MSFC. There will be frequent interface with the UCS Contractor during core and non-core hours due to alarms received by the UCS Control Room via MSFC's building automation system (BAS). Many of the alarms generated will be classified as urgent or emergency in nature and can occur at any time due to continuous monitoring of MSFC's facilities. Notification and cooperation between the UCS contract and the COSS contract is an essential element in the performance of both contracts. The COSS Contractor shall provide to the UCS Contractor a contact list consisting of names and contact information for use during non-core hours. UCS personnel may

be notified through alarms, telephone, radio or any other method that an urgent or emergency condition may exist in which COSS personnel need to be contacted. The contact list shall be updated by the COSS Contractor to reflect changes in COSS personnel or contact information. The COSS Contractor shall update and distribute a new contact list within 7 days of personnel changes or contact information changes.

The UCS Contractor maintains a daily events log (DEL) which tracks and records many aspects of MSFC's building systems relative to operation and maintenance. The COSS Contractor shall inform the UCS Control Room of significant events and applicable work status updates during core and non-core hours for entry into the DEL. For accurate records to be logged and maintained, it is essential that the COSS Contractor provide work status updates to UCS in a timely manner as well as provide timely feedback on work being performed in the field.

The UCS Contractor shall act as the focal point to receive trouble calls during non-core hours, weekends, and holidays and in accordance with Paragraph 3.2.B. The COSS Contractor shall also be in frequent contact with the UCS Contractor as they jointly address Facility Work Requests (FWR) respective of both contract requirements. The COSS Contractor shall provide adequate notice to the UCS Contractor when UCS support is required for completion of a Facility Work Request. Adequate notice is defined as the proper amount of time that will allow for total FWR completion and system/equipment commissioning prior to the FWR's target completion date.

Specific work boundaries and work assignments between the COSS and UCS Contractors are as follows:

1. The communication aspect of equipment defines the separation point for determining areas of responsibility between the COSS and UCS contracts. The UCS Contractor maintains a variety of Local Area Network (LAN) types relative to MSFC's building automation system (BAS), including wired and wireless, utilizing multiple communication protocols, including proprietary and open systems. The UCS Contractor is responsible for ensuring the integrity and availability of the BAS Local Area Networks in accordance with NASA Procedural Requirements (NPR) 2810, Security of Information Technology. Equipment utilizing a communication interface (LAN devices) connected to a BAS LAN communicate with the UCS central computer servers for remote monitoring and control of equipment throughout MSFC facilities by the UCS Contractor. The UCS Contractor is responsible for the configuration and/or verification of communication parameters and will determine communication faults for all LAN devices.

The COSS Contractor shall be responsible for repair or replacement of LAN devices integrated by manufacturers into their equipment, such as chillers, computer room units, variable frequency drives, lighting control panels. The COSS Contractor shall coordinate the replacement of all equipment communicating via a BAS LAN with the UCS Contractor to ensure

replacement equipment meets UCS compatibility requirements for communication via the BAS LAN.

The UCS Contractor shall be responsible for repair or replacement of application specific and generic LAN devices, including, but not limited to variable air volume (VAV) controllers, air handler unit (AHU) controllers, unitary controllers, direct digital control (DDC) controllers. The UCS Contractor shall be responsible for the equipment utilized to establish the communication link from the LAN devices back to the UCS central computer servers. The communication link includes, but is not limited to communication/network controllers, protocol/data converters, power supplies, uninterruptible power sources (UPS), modems, routers.

2. The UCS Contractor shall terminate communication and instrumentation wiring to application specific and generic LAN devices as described in previous paragraph and which are the responsibility of the UCS Contractor. The COSS Contractor shall be responsible for power wiring.
3. All equipment and instrumentation connected to input/output terminals of controllers, including wiring, interconnects, and conduit shall be the responsibility of the COSS Contractor.
4. Installation of panels, enclosures, and ancillary equipment shall be the responsibility of the COSS Contractor.
5. Instrumentation calibration shall be the responsibility of the COSS Contractor.
6. Validating the functionality of meters (for example, electricity, gas, steam, water, BTU, sewage, air, fuel) supporting the MSFC Energy Program is the responsibility of the UCS Contractor. The programming and database backup of meters is also be the responsibility of the UCS Contractor. Repair or replacement of these meters shall be the responsibility of the COSS Contractor.
7. All stand-alone controllers that do not communicate information back to the UCS central computer servers shall be the responsibility of the COSS Contractor.

G. Customer Notification, Protective Services, and Facility Access

1. Notification. Prior to performing any work in a building, the Contractor shall coordinate and schedule work with the customer(s) of the facility or area being affected. The customer is normally the work requestor that occupies or controls the activities within that facility or the Building Manager. Three working days advance notice shall be provided for all work other than Trouble Calls or Trouble Call Services and as soon as possible for TC or TCS work. Such notification shall include the length of time and type of work to be performed. Should work progress temporarily halt before job completion, the Contractor shall provide the customer with the reason for delay and the

projected date or time they will return to complete the work. If the customer is not able to be notified for emergency TCs, the Contractor shall notify the COTR. The Contractor shall also notify the customer upon completion of work. Notification shall be verbal except for those instances where the customer is not available during core hours or work is completed during non-core hours. In those instances the Contractor shall either leave a telephone message or notify by e-mail that the work has been completed and a point of contact should the customer have a question. A list of Building Managers for each facility will be available to the Contractor.

2. Protective Services. Each Contractor employee requiring extended Center access (longer than 120 days) will be required to undergo a check of their background with favorable adjudication by the Protective Services Department required for continued access (reference Section H.13 and Attachment J-29). The Contractor shall also be required to work in areas at MSFC designated Mission Essential Infrastructure that require an increased level of security. Workers in these buildings are required to submit NASA Form 1760, attend a one hour training course and are subject to additional background checks. Failure to strictly abide by the security requirements (for example, propping open doors or granting entry to unauthorized personnel) may result in future denial of access to these areas. Contractor employees needing regular access to these areas to perform their jobs shall be approved by the COTR and affected area manager and trained by the Government (usually several hours in duration) for access and the Contractor shall obtain proper badges to allow easy access for accomplishing work. Access to secure areas will be an impact for some work that is to be performed. Lack of planning to enter secure area access will not be an acceptable reason for the Contractor to fail to perform timely work.
- H. Existing Conditions. The Government makes no guarantee that all descriptions of areas contained in this contract are maintained commensurate to the current level of services as required by this contract. All data supplied is assumed to be correct at the time this document was released, but some errors may exist. MSFC facilities date back to 1943, and may contain asbestos and lead paint. Some fluorescent light fixture ballasts may contain polychlorinated biphenyl (PCBs). Some areas may have unexploded ordinance buried by the Army that may be uncovered by excavation. The Army will be notified and will dispose of these items. Any areas not presently maintained according to the specified standards of this contract shall be brought to the attention of the COTR for possible Government action in the future.
- I. Facilities. The MSFC has 241 buildings, trailers, and structures on-site, which range in complexity from large rocket engine test stands to major office complexes to warehouses.

The current square footage of MSFC buildings is approximately 4,667,000 gross square feet. The Contractor shall be responsible for the operations and maintenance of all systems, structures, and collateral equipment contained within this square footage. If the Center gross square footage (including Army buildings on loan)

varies more than three percent (3 percent) above or below this amount, an equitable adjustment in the contract price will be made (reference Clause F.2).

J. Contractor Licensing, Certification, and Specific Experience Requirements.

Licenses required of the Contractor to conduct business (for example, local or state business licenses) shall be obtained prior to beginning work on this contract. Personnel licensing and certification shall be complete before that individual performs any work under this contract. The Contractor shall submit verification of all licensing and certifications to the CO and COTR within 30 calendar days after contract award. All licenses and certificates shall be current, and shall be kept current throughout the contract period. The Contractor shall be aware that MSFC is classified as a hazardous waste site as defined in the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). All field workers who work at this site in areas of potential contamination shall have completed a 24-hour hazardous waste site operators training class as defined in Occupational Safety and Health Administration (OSHA) regulations. The Contractor shall provide or make available training courses in environmental compliance, hazardous materials, hazardous waste management, and emergency response in accordance with applicable laws.

Specific training is required to execute some duties at MSFC. The training shall be the responsibility of the Contractor at no expense to the Government. In some cases the Government will provide training to the Contractor at no expense. In either case, training will occasionally remove the Contractor's staff from normal work activities.

MSFC will be commissioning new facilities over the life of this contract that may require maintenance skills beyond those required for this solicitation. Should this occur, the Government will provide limited training for the Contractor to maintain these facilities. Additional training beyond that provided by the Government shall be the Contractor's responsibility.

The Contractor shall provide personnel that have the appropriate skill for that trade. The degree of skill of individuals shall be commensurate with that required for the work. This requirement shall apply to all crafts. Journeyman requirements are defined in Paragraph 2.0, Definitions and Acronyms. The Contractor shall provide a Personnel Certification Plan in accordance with DRD 1197SA-003. Note that DRD 1197SA-003 does not relieve the Contractor of any obligation to evaluate skills required in addition to those specified to insure competent, safe work performance. The Contractor shall propose expansion of the DRD specific skills as necessary to meet the personnel certification plan requirements.

Performance of MSFC critical processes or potentially hazardous operations and accomplishment of these MSFC critical processes or potentially hazardous operations shall be required of personnel when engaged in the buildup, operations, and maintenance of the test facilities and operations, and ancillary equipment and processes listed in the SOW. Personnel performing these MSFC critical processes or potentially hazardous operations shall be certified as having been trained and proficient in their work tasks. Certification shall be accomplished and maintained by

the contractor or in accordance with the requirements of MWI 3410.1, "Personnel Certification Program", Safety certification, and applicable codes for welding, inspection, and NDE of structural and pressure welding. A Personnel Certification Plan shall be prepared and submitted in accordance with DRD 1197MA-003.

1. Apprentices, Helpers, and Limited Mechanics and Technicians. All apprentices, helpers, and limited mechanics and technicians working this contract shall be under the direct supervision and guidance of a journeyman mechanic or technician at all times. All trade apprentices, helpers, and limited mechanics and technicians shall be supervised and have work checked by the applicable lead journeyman in their particular field.
2. Environmental Management Support. It should be noted that a single person is permitted to provide more than one environmental management support function listed in DRD 1197SA-003.
3. Electrical Distribution. A qualified journeyman electrician shall perform all electrical work. If trainees or apprentices are used, a journeyman shall accompany them at all times. The Contractor shall be capable of work associated with 4160-Volt systems in accordance with Paragraphs 1.1 and 13.2.I.

K. Reliability Centered Maintenance. MSFC currently uses a Reliability Centered Maintenance (RCM) strategy. This strategy is a mixture of preventive maintenance (PM), predictive testing and inspection, run-to-failure, and proactive maintenance measures. These four maintenance measures draw upon their respective strengths to maximize facility and equipment operability and efficiency while minimizing required maintenance time, materials, and costs. Note that root cause failure analysis is considered an essential proactive maintenance element. The RCM strategy often includes performing a statistical analysis of historical data related to failures to determine the optimal investment of maintenance resources and risk assessment methods to identify those processes or systems that statistically exhibit the greatest chance of catastrophic failure. Demonstrated RCM improvements resulting in reduced PM requirements can result in savings to the Contractor.

L. System Outages

1. General. The Contractor shall coordinate with affected parties, schedules of system outages that affect MSFC activities and obtain concurrence from the COTR prior to planned disruption of services. For systems the Contractor has responsibility for under this contract, the Contractor shall participate in planning work by others (Contractors or Government) that will require system outages. Even if outages are required because of work by others, the Contractor shall be responsible for coordinating the outage with all affected parties. The Contractor shall provide knowledgeable personnel to attend outage meetings as required. During core working hours, the Contractor shall notify and schedule outages with the affected parties prior to systems being deactivated and reactivated. Affected parties may be other contractors or

occupants of affected buildings. During non-core work hour emergency outages, the Contractor shall notify the Trouble Desk who shall, in turn, notify and schedule outages with the proper personnel as provided by the Government. Support identified in this paragraph shall not be an additional expense to the Government.

2. Planned Service Outages. When any work other than TCs or TCSs require an outage or reduction in mechanical, electrical, HVAC, or utility services, the Contractor shall provide at least three working days notice to the affected parties through the Building Manager and to the COTR in writing. Notification shall include the time the outage shall occur and an estimate of when normal service shall be resumed. The Contractor shall be fully responsible for planning and coordinating all service outages and receiving the proper approvals. This coordination shall be accomplished with the proper Building Managers. Exceptions to the timeframes are below:
 - a. The Contractor shall provide a minimum of ten working days advanced notice for all planned electrical outages unless approved by the COTR.
 - b. The Contractor shall provide a minimum of 30 calendar days advance notice for planned building service outages during annual shutdowns for maintenance of buildings 4207, and 4663. Note: Because of the nature of the work conducted in Buildings 4207 and 4663, planned outages will be very difficult to obtain.
 3. System/Building Availability. MSFC has a number of facilities conducting critical operations for the Agency. The availability of a number of the electrical and HVAC systems in these buildings is critical to the success of their mission. As an example, the Huntsville Operations Support Center (HOSC) controls payloads on orbit and is in direct communication with the International Space Station and Shuttle crews during some missions as well as directly downloading data from the payload. A loss of electrical power or HVAC to this area would present an unacceptable interruption in operations. Building 4663 has dual commercial power feeds with uninterruptible power supplies and backup emergency power generators as well as redundant chillers, chilled water circulating pumps, and cooling towers. System definitions and system availability requirements are shown in Attachments J-9 and J-10. The Contractor shall be responsible for assuring these availability requirements are met at all times.
- M. Excavations. The Contractor shall locate and identify all underground utilities and other buried structures before excavating for any work. The Contractor shall locate underground utilities through the use of Government-provided Underground Utility Maps (UUM) and through the use of a pipe or cable detector or other acceptable methods (for example, probing rod). The Contractor shall mark utilities found at the site with fluorescent paint or wood stakes and "red-line" the utility map as discrepancies are discovered. All drawing changes shall be submitted to the Government for updating within five working days from when the discrepancy was

first noticed. Some direct buried telephone cables not owned by the Government exist. All excavations require an MSFC permit which shall be obtained prior to excavations for all work under this contract. All discrepancies in underground utility systems shall be documented by "red-lining" existing utility maps complete with size, type, dimensions, location, and other pertinent information and submitting them to the Government for updating within five working days from when the discrepancy was first noticed. It should be noted that MSFC is located on the Army's Redstone Arsenal that was used for the manufacture, storage, and transport of chemical munitions during World War II. Prior to performing excavations in some areas, scans for abandoned munitions will be required. The Contractor shall obtain these scans from approved vendors at Government expense. Periodically, during excavations, abandoned munitions are uncovered which requires all work to cease until the Army clears the area for further excavation.

- N. Contractor General Purpose Vehicles. The Contractor shall be responsible for providing all general-purpose vehicles except as noted in Attachment J-8. MSFC policy is for Contractor utility vehicles to transport a fire extinguisher for emergency use. The Government will provide the fire extinguishers for the Contractor vehicles. Refer to Paragraph 1.7.1.E for fuel requirements.

1.3 GENERAL MANAGEMENT REQUIREMENTS

The Contractor shall manage and administer the total work effort associated with COSS to include trouble calls (TCs) and (TCSs), recurring services including PM and predictive testing and inspection (PT&I), operations, spill response, and emergency management support required herein to assure fully adequate and timely completion of these work requirements in a safe manner. The Contractor shall also assure facility/system reliability and availability as defined elsewhere in this contract. Included in this function are a full range of management duties including, but not limited to, planning, scheduling, implementing cost accounting, report preparation, establishing and maintaining records, and quality control. The Contractor shall provide an adequate staff of personnel with the necessary management expertise to assure the performance of the work in accordance with sound and efficient management practices.

The Contractor shall prepare and submit a Contractor Cost Report in accordance with DRD 1197MA-003.

1.4 GENERAL ADMINISTRATIVE REQUIREMENTS

A. Directives, Instructions, Policies, and Regulations

1. Regulatory Requirements. The Contractor and their employees shall become acquainted with and comply with all Government directives, instructions, policies, and regulations, or abide by requirements as required by the COTR. See Attachment J-26 for a listing of applicable NASA and other Federal agencies directives, instructions, policies, and regulations.

2. Water Conservation. The Contractor shall actively conserve water at all times during the performance of work related to this contract. The Contractor shall use reclaimed water whenever possible.
 3. Shared Savings. Shared savings will be in accordance with NASA FAR Supplement 1852.243-71.
 4. Energy - All energy related work, shall be performed in accordance with Executive Order (EO) 13423 "Strengthening Federal Environmental, Energy, and Transportation Management," EAct 2005 "Energy Policy Act of 2005", EO 13221 "Greening the Government through Energy Efficient Standby Power Devices", Marshall Policy Directive – MPD 8570.1 and MSFC Technical Specification for Repairs and Construction (TSRC-7) or the most current TSRC. All water fixture replacements shall be "Low Flow" devices and shall comply with the Department of Energy (DOE) best management practices for water conservation. Maintenance of all operating LEED Certified buildings requires review of the types of materials used in the design specifications. All replacement materials in LEED buildings shall at least be equal in performance ability and produce equal or less contamination within the building. All clean-up, after maintenance is performed, in LEED Certified buildings shall be performed with Green Seal Certified cleaning products to assure no additional contamination will be added to the Indoor Air Quality (IAQ). To assist in meeting the requirements efficiency goals and supporting the NASA MSFC mission, all replacement electronic equipment shall have a total harmonic distortion (THD) of 10 percent or less. These practices shall be incorporated in the maintenance of all energy and water consuming systems to assure optimum success in meeting the Federal energy-efficiency goals.
- B. Emergency Procedures. The Contractor shall ensure that their employees know how to report any accident, fire, toxic chemical, electrical, security, flooding, or police emergency.
- C. Environmental Protection and Policies. The Contractor shall comply with all applicable Federal, state, and local laws, and with the regulations and standards listed in Attachment J-26. All environmental protection matters shall be coordinated with the COTR. Inspection of any of the facilities operated by the Contractor may be accomplished by the Government or individual(s) authorized by the Government, without notice at any time. In the event that a regulatory agency assesses a monetary fine or penalty against the Government for violations which directly result from performance by the Contractor in carrying out their responsibilities under this contract, the Contractor shall reimburse the Government for the amount of that fine or penalty and other related costs incurred by the Government. Any such reimbursement shall be accomplished by a contract credit. The Contractor shall use trained personnel to clean up any hazardous waste spills that result from the Contractor's operations. The costs associated with such cleanup are fully the responsibility of the Contractor. The Contractor shall comply with the instructions of the cognizant MSFC Industrial Safety Department, and Environmental Engineering and Occupational Health Office with respect to

avoidance of conditions which create a nuisance or which may be hazardous to the health and safety of on-site personnel. The Contractor shall observe and adhere to all requirements for handling and storage of combustible supplies, materials, waste, and trash. Any oils and lubricants generated by the Contractor, including those removed from Government-owned equipment, resulting from work of the Contractor shall be disposed of in accordance with approved MSFC procedures.

- D. Documentation Reduction. In accordance with Section 101 of Executive Order 13101 of September 14, 1998, Greening the Government through Waste Prevention, Recycling, and Federal Acquisition, the Contractor is encouraged to submit paper documents, such as offers, letters, or reports that are printed or copied double-sided on recycled paper that meet minimum content standards specified in Section 505 of Executive Order 13101, when not using electronic commerce methods to submit information or data to the Government.
- E. Disposal. Small amounts of non-hazardous debris, rubbish, and non-usable material resulting from the work under this contract shall be placed by the Contractor in refuse bins located throughout the site for Government disposal. Once debris, rubbish, or non-usable material is placed in these bins, it shall become Government property. Bins are available for landfill rubbish and scrap material. The Contractor shall dispose of material in the proper bins. Larger amounts of debris and hazardous debris shall be disposed of in accordance with Section 6.0, Environmental Management.
- F. Safety, Health, and Environmental Requirements and Reports
1. The contractor shall establish and implement an industrial safety, occupational health, and environmental program that (1) prevent employee fatalities, (2) reduce the number of incidents, (3) reduce the severity of employee injuries and illnesses, and (4) protects the environment through the ongoing planning, implementation, integration and management control of these programs in accordance with DRD 1197SA-001. The SHE Plan shall address each of the following MSFC SHE core program requirements in detail that are applicable to the contracted effort:
 - a. Management leadership and employee involvement.
 - b. System and worksite analysis.
 - c. Hazard prevention and control.
 - d. Safety, health and environmental training.
 - e. Environmental compliance.
 2. Safety and Health. The Contractor shall provide all safety equipment, with the exception of respiratory protection services required to perform the work specified in this contract. All work shall be conducted in a safe manner and shall comply with all safety and health directives, instructions, policies, and regulations and any revisions, updates, or successor documents as listed in this contract. The Contractor shall demonstrate proactive and innovative safety and health practices on a continual basis throughout the contract period.

3. Conference. Within ten days after contract award, the Contractor shall meet in conference with the Contracting Officer and the COTR to discuss and develop mutual understandings relative to implementation of the Safety and Health Plan described in 3.2.A.1 and administration of the Safety and Health Program.
4. Inspections/Investigations. The Contractor's workspace may be inspected periodically for OSHA and NASA violations. Abatement of violations will be the responsibility of the Contractor as determined by the Government. The Contractor shall provide assistance to applicable NASA/MSFC organizations, investigative organizations, and the OSHA inspector if a complaint is filed or an investigation or inquiry is initiated on a company employee.
5. Accidents. The Contractor shall report to the COTR and the MSFC Industrial Safety Department, exposure from any substance, possible exposure from any substance, and all accidents resulting in death, trauma, occupational disease, bodily injury, or environmental damage. Mishaps shall be reported in accordance with DRD 1197SA-002.
6. Damage. The Contractor shall submit to the COTR a full report of damage to Government property, equipment, or the on-site environment by Contractor employees. Damage reports for Government property and equipment shall be submitted to the cognizant Property Administrator. All damage reports shall be submitted to the COTR and the MSFC Industrial Safety Department within 24 hours of the occurrence. Suspected incidents of vandalism or purposeful destruction of property shall be reported to the Protective Services Control Center for investigation.
7. The contractor shall report mishaps and safety statistics to the MSFC Industrial Safety Office in accordance with DRD 1197SA-002. The contractor shall submit direct to the NASA Incident Reporting Information System (IRIS) or shall use the forms listed in section 15.4 of DRD 1197SA-002 or electronic equivalent to report mishaps and related information required to produce the safety metrics.
8. The Contractor shall provide a Quarterly Contractor Safety Self-Evaluation Report in accordance with DRD 1197SA-004.

G. Security Requirements

1. Security. The Contractor shall comply with all NASA and local security requirements. The Contractor shall submit the name and address of each employee hired for work on this contract upon request of the CO.
2. Disclosure of Information. Neither the Contractor nor any of their employees shall disclose or cause to be disseminated any information concerning Government operations, including those performed by contractors for the Government, which could result in or increase the likelihood of the possibility

of a breach of security or interrupt the continuity of operations. Disclosure of information relating to the services hereunder to any person not entitled to receive it, or failure to safeguard any classified, unclassified sensitive, or export controlled information that may come to the Contractor or any person under their control in connection with work under this contract, may subject the Contractor, their agents, or employees to criminal liabilities. All inquiries, comments, or complaints arising from any matter observed, experienced, or learned as a result of or in connection with the performance of this contract, shall be directed to the COTR if the resolution requires dissemination of official information.

3. The contractor shall develop and implement a comprehensive information technology security program which addresses the management, operational, and technical aspects of protecting the confidentiality, integrity and availability of information and information technology systems. The IT security program shall ensure the contractor is responsible for information and IT security when physical or electronic access to NASA's computer systems, networks, or IT infrastructure is required or when information systems are used to store, generate, process or exchange information with NASA or on behalf of NASA, regardless of where the information resides. The contractor shall develop and submit a Contractor IT Security Program Plan in accordance with DRD 1197CD-001.

H. Access to Buildings

1. Access. It shall be the Contractor's responsibility to obtain authorized access to buildings and facilities, and arrange for them to be opened and closed to accomplish work under this contract. Note that a higher level of security and limited access to some buildings demands that scheduled work be well coordinated. Typically, access may be coordinated through the Building Manager and/or approved by an employee listed on the posted Label 24, Controlled Security Area. MPR 1600.1 provides guidance for entrance into secure areas or offices.
2. Keys. Keys may be issued to the Contractor on a case-by-case basis when there is an established need approved by the Protective Services Department. MPR 1600.1 provides guidance for ensuring compliance with MSFC lock and key procedures. However, it shall be the Contractor's responsibility to arrange for adequate security of the buildings and facilities at the end of each workday. The Contractor shall be responsible for the cost of replacing any keys that are furnished to and lost by their employees. If the COTR decides that a lock must be replaced because of the loss of a key by the Contractor's employees, the Contractor shall pay the cost of that replacement. Similarly, the Contractor shall pay the cost of changing a combination if the COTR has reasonable cause to believe that the combination has been compromised. The Contractor shall identify a single point key coordinator to interface with the Government for all issues related to key control. In addition to keys assigned to the Contractor, the Contractor may sign individual keys out from a general use key cabinet

maintained in the Utility Control System (UCS) control room in Building 4250. These keys are intended for access to areas for short-term work. The COSS Contractor shall comply with key sign-out and sign-in controls established by the UCS Contractor.

I. Contractor Employees

1. Contractor Representatives. The Contractor shall provide to the Contracting Officer the name or names of the responsible supervisory person or persons authorized to act for the Contractor. The list shall be updated whenever changes occur. The Contractor shall also provide names for points of contact to the COTR that the Utility Control System (UCS) Contractor will enter into UCS standard operating procedures associated with notification of abnormal work conditions.
2. Conduct. The Contractor shall remove from the site any individual whose behavior is deemed by the Contracting Officer, COTR, or Protective Services Department to be contrary to the public interest or inconsistent with the best interests of Government security.
3. Residency. No employee or representative of the Contractor shall be admitted to the site of work unless they furnish satisfactory proof that they are a citizen of the United States, or, if an alien, their residence within the United States is legal.
4. Badged Employee and Remote IT User Listing. The Contractor shall prepare and submit a Badged Employee and Remote IT User Listing in accordance with DRD 1197MA-004.
5. Contractor Employee Clearance Document. The Contractor shall prepare and submit a Contractor Employee Clearance Document in accordance with DRD 1197MA-005.
6. Position Risk Designation for Non-NASA Employee Form. The Contractor shall prepare and submit a Position Risk Designation for Non-NASA Employee Form in accordance with DRD 1197MA-006.

J. Identification of Vehicles. The company name shall be displayed on each of the Contractor's vehicles in a manner and size that is clearly visible. All Contractor vehicles shall display a valid state license plate, shall be maintained in good repair, and adhere to all state and local codes. All drivers shall adhere to all state and federal laws and Redstone Arsenal and NASA regulations.

K. Permits. The Contractor shall, without additional expense to the Government, obtain all appointments, licenses, and permits required for the prosecution of the work. The Contractor shall comply with all applicable Federal, state, and local laws. Evidence of such permits and licenses shall be provided to the COTR before work commences.

- L. Warranties. The Contractor shall establish and implement a warranty program to exercise, administer, and monitor warranties received for the Government. The program shall include all warranties for facilities, structures, utilities, construction, and equipment that have been transferred to the property accounts of the Government regardless of the source of the warranty. The Contractor shall maintain a list of all active warranties in the Technical Reference Library (TRL).
- M. Support to Government Facilities Engineering and Construction. The Contractor shall provide support to the Government's engineering and construction organizations. The Government is providing this information as best information available because specific data is not tracked by the Government. The Offeror shall use this information and their experience for similar work to determine the effort that would be expended for similar support. This work shall not be considered trouble calls. Support identified in this paragraph shall be part of the FFP Lump Sum.

Support to engineering shall include, but not be limited to, troubleshooting, access support (for example, electrical panels and equipment rooms), measuring, collecting data, and participating in design reviews and activities.

The Contractor shall assess the newly installed systems for readiness for operation and make a recommendation on acceptance to the Government based on their findings. The Contractor shall also provide assistance to the Government construction organizations in system startup, commissioning and utility outages.

N. Records and Reports

1. Records. The Contractor shall maintain historical records of all work performed and prepare and submit all reports and operating procedures specified herein. Daily, weekly, monthly, and other recurring operating records, reports, logs, and other documents are either specified as contract element submissions in the technical sections of this specification under documentation and reporting requirements, as summarized in the Performance Requirements Summary (PRS) Table, Section E.9, or specified within the inherent performance requirements under the Lump Sum portion of the contract.
 - a. Hardcopy and Electronic Format. All correspondence, records, reports, logs, and other documents submitted by the Contractor to the Government shall be provided in electronic form where feasible and software compatible, unless otherwise specified. Acceptable formats are Microsoft Word®, Microsoft Excel®, or formats readable by Microsoft Word® or Microsoft Excel®. Delivery shall be made on compact disc in PC format. The Government utilizes Microsoft Windows XP Professional for the PC.

- b. Contract Completion or Termination. All records and copies of reports shall be turned over to the COTR within five calendar days following contract completion or termination.
- c. Media. All information and the media (if applicable) on which it is delivered to the Government will become the property of the Government and will not be returned to the Contractor except for correction of errors. All Backlogged Maintenance and Repair (BMAR) will be maintained in the Government-provided system in a format that can be updated continually with the results of periodic inspections and with additions to and deletions from the facilities and equipment inventory. It is the Government's intent for this system to be linked to the Computerized Maintenance Management System (CMMS) at some future date during this contract. The Government will provide the linking feature.
- 2. Documentation/Data Deliverables. The contractor shall report and document this work and fulfill the requirements of associated Data Requirement Descriptions (DRD's) as outlined in Data Procurement Document (DPD) 1197 (Attachment J-2). The contractor shall determine the data restriction that applies to each data deliverable and mark or transmit the data restriction in accordance with section 2.3.3 of the Data Procurement Document.
- O. Facility Safety Inspection Support. The Contractor shall participate in annual Facility Safety Inspections with the Safety and Mission Assurance Office. Approximately 100 percent of all facilities are inspected and those containing operations classified as hazardous operations are inspected twice a year. All safety findings that are verified to be the Facilities Management Offices's responsibility will be corrected by the Contractor as a Trouble Call (TC) or Indefinite Delivery Indefinite Quantity (IDIQ) work order, depending on the scope of work. Support in this paragraph shall not be an additional expense to the Government.

1.5 LUMP SUM WORK

- A. General. Lump Sum work consists of work that can be identified in advance. This work includes, but is not limited to: (1) responding to trouble calls (TCs) and trouble call services (TCSs); (2) accomplishing recurring services such as preventive maintenance (PM) that involve routine, periodic maintenance, and incidental repair requirements associated with facilities, utility systems, and dynamic equipment for which no specific operators are assigned; (3) operations that require the continuous presence of qualified person(s) during a specified time period; (4) emergency management support; and (5) documentation and reporting requirements in Paragraphs 3.0 through 13.0. The Lump Sum prices submitted by the Contractor shall include all overhead, G&A, profit, and other costs that insure all work identified in the PWS is performed in a complete and satisfactory manner
- B. Workmanship and Materials. All work under this paragraph shall be of professional quality conforming to all applicable codes and standards, and all specified work items such as checkpoints, servicing, repairs, and reporting shall be

performed completely, correctly, and neatly in a safe manner. On new work and where applicable, work shall be performed in compliance with the MSFC Technical Specifications for Repairs and Construction (TSRC). All COSS Contractor repair work shall be fully warranted against defects due to material and workmanship for a period of 180 days following completion of repair. However, any other expressed or implied warranties included within this contract or warranties expressed by the manufacturer or supplier shall take precedence over the 180-day warranty period. Any TC or TCS rework required within this 180-day period shall not be treated as an additional TC or TCS.

- C. Trouble Call (TC) and Trouble Call Service (TCS). The Contractor shall be responsible for all TCs and TCSs regardless of how many are performed under this contract. No price adjustment will be made for TCs and TCSs within the plus or minus 10 percent range based on annual numbers (Reference Clause F.2). If the TC limit is exceeded due to Contractor failure to perform regularly scheduled maintenance or misclassification, the Government will make no equitable adjustment.
- D. Recurring Services. Recurring services are defined as work performed on scheduled frequencies or repetitively throughout the term of the contract. Although routine, recurring services require planning, scheduling, and frequent quality control monitoring by the Contractor and are accomplished without further input from the Government. All recurring services are included in the Lump Sum price portion of the contract. Recurring services in this contract include, but are not limited to, environmental support services, Preventive Maintenance (PM), Predictive Tests and Inspection (PT&I), emergency management support, and scheduled services. PT&I, which involves technically skilled personnel performing recurring services on the part of the Contractor is considered one element of a successful RCM program.

Of all recurring services, PM and PT&I are the largest efforts. (The existing PM and PT&I programs are shown in Attachments J-24 and J-25). Therefore, the following is provided to facilitate the Contractors approach to PM at MSFC.

1. Definition and Repair Limitation. The Contractor shall accomplish all PM work within the Lump Sum portion of this contract. The Contractor shall be responsible for PM on all equipment in any building. PM is defined as routine, periodic maintenance, and incidental repair requirements associated with facility systems and dynamic equipment for which no specific operators are assigned. PM is concerned primarily with items that, if disabled, would interfere with an essential operation (including reliability and availability), endanger life and property, or involve high cost or long lead time for replacement. PM work includes, but is not limited to, visual and operational inspection, cleaning, corrosion removal and related painting, adjustment, alignments, lubrication, and replacement of filters, belts, fasteners, hoses; and other expendable items required to correct or minimize operational wear and deterioration of facility systems and equipment. PM work is continuous and repetitive in nature, is accomplished within the framework of comprehensive

and detailed short and long-term PM schedules, and requires diligent and continuous program management by the Contractor. The Contractor shall accomplish incidental repair of defective equipment or system components detected at the time of PM performance by initiating a work order related to the PM. Repair work that requires adjustment only and no parts shall not be identified by a separate work order and shall be accomplished as part of the PM. When an additional work order is used to account for repairs found and performed as a result of the PM program, it shall be identified as a "PM Find" in the CMMS. The Contractor's repair work liability is limited by the TC limit specified in Paragraph 4.2, Trouble Calls, but shall not be classified as a TC per occurrence, unless specified elsewhere. Repair work exceeding this limit shall, upon notification by the Contractor, be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work. However, the Contractor is liable for the full cost of any repair or replacement item(s) if the Government determines that the cause of failure, malfunction, or damage to equipment or systems was directly caused due to lack of PM work by the Contractor. The only exception will be for equipment items that are classified as run to failure. The Government will adjust the contract price by the actual cost to the Government for repair or replacement of item(s).

2. Management. Lack of required spare parts, other materials, or staffing which delays PM work shall not be an acceptable cause for non-performance of PM work. Prior to completion of the phase-in period, the Contractor shall assess the spare parts needs of the contract so that upon completion of the phase-in period, the Contractor shall perform the PM program satisfactorily. In addition, current manufacturer's parts ordering information shall be maintained in the TRL to reduce research time needed for spare parts ordering.
3. Standards and PM Work. The Contractor shall perform PM work using the requirements specified in the technical section of this Performance Work Statement under detailed specification, and further referenced in directives, instructions, and manuals listed in Attachment J-26. Terms including "check," "ensure," and "verify" shall mean to visually observe or measure, adjust, clean, maintain, repair, or replace as required. After PM work is complete, the equipment shall be operated over a complete cycle or at regular operating conditions for a minimum of five minutes to observe applicable pressure and temperature readings and identify any unusual mechanical conditions. Any anomaly associated with equipment operation shall be corrected by the Contractor to make the equipment fully functional and operate properly. The Contractor shall perform cleanup following PM, and provide a neat and orderly environment in mechanical rooms and other equipment areas as part of PM work. Dust, debris, dirt, and garbage present in any equipment room that was a direct result of the PM work performed by the Contractor shall be removed during cleanup following PM work and disposed of properly.
4. Reporting of PM, Deficiencies, and Repair. The Contractor shall prepare and submit for approval, a Reliability Centered Maintenance (RCM) Plan within 60-days after contract award in accordance with DRD 1197LS-002 (reference

Paragraph 3.0, CLIN 00X1.0304). The Contractor shall identify and document in the CMMS at time of service all work performed using the accepted RCM Plan and maintenance procedures, including observed operating conditions, deficiencies detected and corrected, and quantities and types of material repaired or replaced on a regular basis for historical records. If the equipment is not listed in Attachments J-24, J-25, or J-6, or is replaced during performance of PM work, the Contractor shall update the CMMS to incorporate the equipment information. The Contractor will assign a new number to the equipment.

5. Timeliness. PM activities have varying frequencies of service. Time intervals associated with the frequency of service are defined in Paragraph 2.0. This is intended to provide the Contractor adequate planning and access time to perform PM. Access restriction shall not be an acceptable cause for failure to perform PM within the time interval unless the Contractor can demonstrate that attempts were made early in the time interval and the Government delayed PM performance. The COTR will unilaterally accept or reject the Contractor's reason for delay. The Contractor should recognize that untimely response to repair requirements and lower levels of PM would result in increased repair frequencies and additional material costs. At the Contractor's option, and at no additional cost to the Government, the PM and/or PT&I schedule can be increased at any time to minimize repair requirements. In addition, with Government approval, the PM and/or PT&I schedule can be reduced or maintenance approach changed by following an Age Exploration process (for example, substituting PT&I for a time-based PM activity). Where PT&I is used to replace a PM task, the Contractor shall demonstrate how the PT&I task addresses the same failure modes as the PM. The Contractor is advised that sufficient PT&I data and/or statistical analysis will be required to support reductions in PM and/or PT&I performance. The Government will accept all reductions in PM and/or PT&I if it supports a proactive RCM program and is beneficial to the Government. The Government accepted reductions will not warrant a Lump Sum price decrease. The Contractor shall provide in the TRL the manufacturer's current recommended PM schedule, as available, and other available manuals and documentation, and shall assess for compliance and supplement as necessary. The current PM checklist is shown in Attachment J-24. For Paragraphs 7.0 through 13.0, all PM performance CLINs shall include both PM and PT&I for Contractor performance evaluation.
6. Predictive Testing and Inspection (PT&I). The Contractor shall perform PT&I on the applicable equipment and systems listed in Attachment J-25, in accordance, as a minimum, with the PT&I technologies outlined in Attachment J-7. If the Contractor determines new "state of the art" or alternate technology is available that is not listed in this paragraph, they may use this technology with COTR approval provided it better predicts equipment and system conditions. PT&I are used to assess the material condition of the inspected equipment and systems. Other than adjustments, the Contractor shall complete all repair requirements identified during the performance of a PT&I as a TC. This TC shall be identified in a manner that associates it as a PT&I find. This

is to allow tracking of all work that was performed as a result of PT&I finds. PT&I adjustments are classified as work incidental to the PT&I. Work exceeding the TC limit shall, upon notification by the Contractor, be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work. The TC limit applies to each PT&I inspection for each individual piece of equipment or equipment system. All PT&I current results and reports shall be accessible to the Government at all times during the course of this contract.

- E. Operations. Operations are defined as watch standing or attendance type work requiring the presence of one (1) or more qualified persons during a specified time period. TCs will not be issued for operations work. Labor effort to correct equipment malfunctions, breakdowns, and related repair deficiencies that occur shall be considered as part of the watch standing or attendance requirement and is included under the Lump Sum portion of the contract. The Contractor's repair work liability is limited to \$2000 per system, per occurrence. Operational repairs shall comply with the TC timeliness limit for work under \$2,000. Repair work exceeding this limit shall, upon notification by the Contractor, be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work. The CMMS will be revised as appropriate.

The Contractor shall perform the day-to-day operations, including, but not limited to, operation of the steam boilers and MSFC steam distribution system, operation of the deionized water generation and distribution system, operation of "Heavy Equipment," operation of "Power Systems" in Building 4487, operation of HVAC systems, operation of cranes, operate the Industrial Wastewater Treatment Facility (IWTF) and the. Contract line items that are considered operations are 00X1.0703, 00X1.0704, 00X1.1004, 00X1-1007, 00X1.1011, 00X1.1101, 00X1.1102, 00X1.1218, 00X1.1304, and 00X1.1306. System descriptions and operational requirements are detailed in various paragraphs of this contract. Any alterations to existing operational systems shall be approved by the COTR prior to commencement. An additional operational requirement that is not listed as a specific contract line item due to its infrequent use is the cold watch. The Contractor shall implement a cold watch when weather conditions are such that the temperature drops to or goes below 20°F. The cold watch applies to core, non-core, and holiday hours. This watch shall be continuous visual inspection of MSFC to mitigate potential facilities and equipment freeze damage. The cold watch shall, as a minimum, inspect the perimeter of all facilities to ensure doors, window, etc, are closed. The individual assigned to the cold watch shall physically enter all equipment rooms to assess potential freezing conditions. The cold watch is classified as an operational activity with no additional cost to the Government.

1.6 INDEFINITE DELIVERY INDEFINITE QUANTITY WORK

- A. General. This paragraph further explains the IDIQ portion of the Contract. The services to be provided on an as needed basis include the management, planning, accomplishment, and Quality Control (QC) of a broad variety of IDIQ Facility Work Requests (FWRs) resulting from Delivery Orders (DOs). Pursuant to Section B, the Contracting Officer or an authorized representative may issue

FWRs, but only the Contracting Officer may issue DOs. The Government may acquire the following services under IDIQ:

The Contractor shall furnish IDIQ work in accordance with the requirements set forth in each paragraph that are applicable to the particular service being ordered, and any additional or changed requirements as may be set forth in the FWR or DO issued by the Government to obtain the service.

Either the Contractor or the Government may initiate the requirement for IDIQ work, but work shall not begin without an approved FWR or DO. The FWR or DO "package," which may include design details, sketches, or additional specification sheets, will clearly identify the scope and location of desired work. The Contractor shall include the planning, estimating, and scheduling efforts of IDIQ work as part of the IDIQ coefficients. Approximately ninety percent (90 percent) of all IDIQ work shall be performed during core working hours.

Paragraphs 6.0 through 13.0 show IDIQ work associated with the specific functions covered by the paragraph. This IDIQ work shall not be construed as all-inclusive but is merely a representation of the type of work that will be ordered.

B. IDIQ FWR or DO Ordering And Proposals

1. Upon receipt of an FWR or DO request from the Government, the Contractor shall submit a proposal to the Government. Based on scope of work, work schedule, inability to determine full work scope without partial disassembly or similar actions, or other factors that the Government deems pertinent, work may be ordered and proposal prepared as Firm Fixed Price (FFP), Time and Materials (T&M) or Pre-priced Work (PPW). Pre-Priced Work (PPW) will only require quantity and a schedule with the associated price. The Contractor's FFP proposal shall consist of a detailed cost-estimate prepared in accordance with the instructions included in this paragraph, a proposed period of performance in calendar days, and other information required by the FWR or DO description of work. The proposed period of performance shall include all time required for performance including material procurement and delivery, performance of work, testing, and inspection. The period of performance shall be presented in three parts, material procurement and delivery, performance of work and total. The proposal shall include any submittals that are required by design packages for approval of proposed material and equipment. T&M work will be limited to those instances where the Government decides that work cannot be adequately defined at any time during the work process to develop a FFP cost estimate. T&M will be based upon a work scope, not-to-exceed cost and schedule agreed to between the Government and the Contractor. It is anticipated this will be less than 10% of the total IDIQ work per year. PPW is work that meets the criteria for IDIQ but a unit rate has been established and only quantity is required to determine price. The Contractor's proposal shall reflect pricing instructions specified in Paragraph 1.6.C. Preparation of proposals by the Contractor shall not constitute an obligation by the Government to issue a FWR or DO for performance, nor is the request for proposal to be construed as the Contractor's authority to commence work. If

required by the Government, prior to proposal submission, the Contractor shall respond to the needs of the Government by visiting the proposed work site in the company of the COTR or authorized representative, or establishing verbal contact with the COTR or authorized representative to further define the scope of the requirement. Upon establishment of the scope of the individual requirement, the Contractor shall prepare a proposal for accomplishment of the task.

2. The Contractor shall transmit proposals electronically, by means of a computer disk or local area network, when so directed by the Government. The software used to prepare such proposal submissions shall be Microsoft Windows compatible. The Contractor may also be required to submit three hard copies of all FWR or DO proposals.
3. Proposal estimates shall be submitted within the period specified on each proposal request. Due dates for proposal estimates and work are based on the schedule listed below unless the urgency of the Government's need for the required services specifies an earlier submission. Note that the Government will monitor adherence to meeting proposal estimate schedule as a performance requirement. Working days for the proposal estimate schedule shall begin with the date the FWR status is shown as in the estimating process in the CMMS. This status shall be no later than one working day after the Government returns the FWR to the Contractor to begin the proposal estimating process.

PROPOSAL ESTIMATE SCHEDULE

Estimated Value of FWR/DO	FFP Schedule	T&M Schedule	PPW Schedule
Under \$20,000	10 working days	7 working days	2 working days
\$20,001 to \$100,000	15 working days	7 working days	3 working days
Above \$100,001	20 working days	7 working days	4 working days

If the Contractor cannot meet the proposal schedule, the Contractor shall notify the Government within two working days of receipt of a Government requirement and explain the reason(s) for proposal submission delay. The Contractor shall also propose an alternate schedule, subject to approval by the Government. The Government reserves the right to unilaterally deny any extension.

The Contractor shall use the FWR number or the DO number to identify all proposals, submittals, and other documents submitted to the Government.

Upon receipt of the Contractor's proposal, the Government shall review the proposal for completeness, accuracy, and reasonableness. The Government may accept the proposal as stated or negotiate any aspect of that proposal. The Government will negotiate with the Contractor all non-pre-priced items.

4. FWRs and DOs issued by the Government to commence work will include the following information:
 - a. Date of the FWR or DO.
 - b. FWR or DO number.
 - c. FWR or DO price.
 - d. FWR or DO Commencement and Performance Data.
 - e. Accounting and appropriation data.
 - f. Any other pertinent data.
5. Upon receipt of FWR or DO:
 - a. The Contractor may use the FWR or DO number for internal control, or an alternate mechanism. However, all documents shall have the Government FWR or DO number included, as it is the Government's tracking mechanism.
 - b. The Contractor shall notify the appropriate Maintenance Project Manager(s) and Building Manager(s) where the work is to be performed, 24 hours prior to actually starting work. When work is performed in Buildings 4663 or 4207, the Operating Manager listed in the FWR or DO must be notified giving the nature and the area of the work to be performed.

C. Pricing Information

1. In preparing its price estimates, the Contractor shall use the appropriate pricing classifications set forth below. Note that the single material coefficient proposed in Section B shall be used with Unit Price Book (UPB) or Fixed Labor Rate (FLR) listed below to determine FFP pricing.

- a. Pre-Priced Work

PPW is IDIQ work purchased to provide one unit of work-in place. The unit costs for pre-priced work shall include all costs, direct and indirect, including labor, materials, tools, and special equipment, overhead, G&A, and profit. PPW is specified in applicable parts of Attachment J-1 and is proposed by the Contractor in the "Schedule of Prices for Pre-Priced Work" in Section B. The CO's authorized representative will issue a completed FWR or the CO will issue a completed DO specifying the number of units, expected delivery date (as stated in each applicable line item), and scope of work. Discussion (negotiations) may take place for work performance schedule. Pre-Priced Work is not subject to application of any contractor coefficient factors.

b. Unit Price Book (UPB)

The UPB will be used to establish IDIQ FWR or DO labor hours for Paragraphs 6.0 through 13.0 that are not included in the "Schedule of Prices for Pre-priced Work" for work to be performed as FFP. The Contractor shall use the edition of the selected R. S. Means[®] Cost Data Publication described in Paragraph 1.6.D.1 which is in effect when the proposal request is issued to the Contractor. UPB work is subject to application of the appropriate labor coefficient listed in Section B.

c. Fixed Labor Rates (FLR)

Items that are not pre-priced and are not included in the UPB shall be proposed using fixed labor rates and bare cost of materials and equipment for work performed as FFP or T&M. Contractor price estimates of these items shall be in accordance with 1.6.D.2. The Contractor's proposed cost shall be adjusted by the application of the appropriate coefficient factor listed in Section B.

d. Specialty Services and Equipment

Some items that are included in IDIQ work shall be priced as specialty services and equipment. This will include major equipment purchases as single self-functioning units, costing \$10,000 or greater or services such as tube cleaning or unexploded ordinance surveys. The Contractor's proposed specialty services and equipment quotes will be adjusted by the "Specialty Services and Equipment Coefficient (CLIN00X3.007)."

e. Material Coefficient

All FFP and T&M material shall be adjusted by the application of the appropriate coefficient factor listed in Section B.

2. Pricing Hierarchy

The following hierarchy shall be applied except as specified by the Government.

The Contractor must perform work by the method priced. For example, it is not permissible to price performing work with Contractor craft but actually subcontract the work performance.

a. Prepriced Work

b. Unit Price Book (UPB)

c. Fixed Labor Rates

d. Specialty Services

e. Time and Materials

Application of all pricing methods may be necessary to complete the required pricing. The Contractor shall group and clearly identify by hierarchy within each FWR or DO estimate, and clearly indicate the application of the various names and type of coefficient factors applied.

D. Price Estimates

The Contractor shall prepare price estimates for all IDIQ proposals, using the applicable methods described below. The Contractor shall utilize electronic cost data bases specified below and Microsoft Windows compatible computerized estimating software.

Bin materials and supplies shall not be included in the list of proposed priced materials because they are to be included as part of the Contractor's coefficient (reference Section B.5). If the extended cost (item cost multiplied by the number of items) of a single line item of bin material or supply exceeds \$25, the cost for that line item may be included in pricing. The contractor shall not propose to purchase excess quantities of items in order to meet the thresholds for payment. The Contractor shall not combine quantities to meet thresholds for payment.

1. Price Estimates for Unit Price Book (UPB) Work

The basis for the Contractor's proposal shall be the labor hours published by R. S. Means[®], Inc., hereinafter referred to as Means, material cost, and the labor and material coefficients. For maintenance and repair services described in Paragraphs 4.0 and 6.0 through 13.0, Means publication #60307, entitled "Facilities Maintenance and Repair Cost Data," is utilized. This book is available in printed and electronic format from the following source:

R. S. Means[®], Inc.
100 Construction Plaza
PO Box 800
Kingston, MA 02364-0800
1-800-334-3509

Estimates and proposals shall be based on the edition of the cost data publications current at the time of contract award. Yearly updates of Means will become effective on April 1st of the same year following the release by the R. S. Means[®], Inc., Means Estimating Guides will be used to detail the required trades and labor hours. The proposal submitted by the Contractor shall include a detailed estimate comprised of a breakdown of labor, material, and equipment by unit quantities and costs, including work that may be performed as specialty services.

- a. The “remove and relocate” cost of an existing item shall always be 120 percent of the Means bare labor hours plus material cost of installation for a new item of the same type.
- b. The demolition cost of an existing item shall be 40 percent of the Means bare labor hours cost of installation for a new item of the same type, if the item is not listed in the 020 Section of Means.
- c. Government items to be installed by the Contractor shall utilize the bare labor hours. The appropriate coefficient shall be applied to the bare labor cost.
- d. All items whose bare labor, material, and specialty service costs exceed \$5,000 on a per unit basis will be negotiated as non-UPB items for each FWR or DO.

2. Price Estimates for Fixed Labor Rate Work

Non-pre-priced and non-UPB work shall be priced per the following procedures:

- a. Labor. Labor shall be priced per the Fixed Labor Rates (FLR) included in Section B. The Contractor shall prepare in the estimate a detailed line-item-by-line-item breakdown of each type craft hour required to accomplish the necessary work. The Contractor's craft hour rate established in Section B for each craft shall be utilized for each craft to extend and establish the Contractor's extended value. The Government will use its estimate for the number of craft hours needed to accomplish the work in negotiating the final craft hours for each line item. The appropriate coefficient factor shall then be applied to the total bare cost.
- b. Material & Equipment. In its proposal, the Contractor shall submit line-item detail of the types and quantities of materials or equipment required to complete the proposed task. The number of units, unit cost, and extended bare cost shall be provided for each piece of equipment and/or material. The Contractor shall not propose purchase of excessive materials (example; purchasing 500 ft. roll of wire when 200 ft. is required). If the estimated or proposed bare cost for any individual item of material or equipment exceeds \$3,000 the Contractor shall provide competitive vendor quotes to support the proposed bare cost of that line item unless otherwise directed by the Government. Furthermore, the Contractor shall use competition to the maximum extent practical in the acquisition of material or equipment regardless of its estimated value. The appropriate coefficient factors in Section B shall then be applied to the total bare cost of materials and/or equipment.

3. Price Element for Specialty Services and Equipment

Specialty services and equipment are used for items that are not pre-priced, not UPB, and not priceable by FLRs. For specialty services, if the estimated or proposed subcontract price of a line item exceeds \$3,000, the Contractor shall provide three (3) competitive subcontractor quotes to support the proposed price of that line item unless otherwise directed by the Government. For services priced in this paragraph, the Contractor's coefficient factor under CLIN 00X3.0007 shall apply.

E. Performance of FWR's or DO's

1. In performance of work under this contract, the Contractor shall:

- a. As a minimum, ensure the work status in CMMS is updated as of 3:00 p.m. each workday to accurately reflect the following day's FWR schedule. The Building Manager and Maintenance Project Manager shall be notified immediately if revisions to the schedule are necessary during the workday.
- b. Arrange with the Building Manager and/or Maintenance Project Manager a sequence of procedure, means of access, space for storage of materials and equipment, use of approaches, corridors, and stairways. Since space for storage is limited in work areas, the majority of storage must be outside or at the Contractor's assigned area. Only materials to be used for work under this paragraph of the contract may be stored at the assigned areas.
- c. The building and work areas may be occupied during performance of work under the contract. The Contractor shall take particular care in the execution of the work in all computer, mechanical, electrical, and telephone equipment areas. Uninterrupted operations must be maintained in these areas.

2. Additional Items of Work

Items of work not initially determined and not listed in Means but within this contract scope and general intent, may be negotiated by the Contracting Officer and added to the contract by modification any time during the contract period. Prices negotiated for an item for a specific FWR or DO may be used in that order. The negotiated price for the additional items of work incorporated by modification shall remain in effect for that contract year. Prices for additional items of work shall be negotiated each year of the contract.

The Contractor's proposed price for additional items requested shall be broken out by labor, material and equipment costs. Application of the coefficient factor for these items shall be the same as Non-Means items.

3. Changes to Scope of Work

If, during performance of IDIQ work, the Contractor encounters unforeseen conditions which increase the work scope and could not be evaluated during the initial estimating procedures, the Contractor shall not proceed without obtaining the CO's or COTR's authorization. The CO or COTR will direct the Contractor to estimate the change of scope for the unforeseen condition only, or prepare a new estimate for the total job as revised. The Government will, after review and approval of the estimate, issue a modification to the FWR or DO for the change in scope. Modifications will be priced in the same manner and hierarchy as FWRs or DOs. The Contractor shall notify all Building Managers (or customers being affected) of any schedule delays by the Contractor.

4. Commencement, Prosecution, and Completion of Work

The Contractor shall be required to (a) commence work under FWRs and DOs within the time stated on the FWR or DO, (b) prosecute the work diligently, and (c) complete all work and make ready for use not later than the time specified on the FWR or DO, unless otherwise advised in writing by the Contracting Officer for DO or authorized representative for FWR. The time stated for completion shall include final cleanup of the premises.

All work shall be completed in a workman like manner and in accordance with all applicable design drawings, manufacturer's instructions, codes, standards, and the latest edition of the MSFC Technical Specifications for Repairs and Construction (TSRC). Requests for exceptions to TSRC requirements must be submitted in writing and approved prior to commencement of work.

5. Delivery Schedule

The Contractor shall include with the estimate for each FWR the expected material delivery time and the proposed duration of work. Within 2 working days after the FWR is funded and approved for work, the Contractor shall submit the proposed start and finish dates to the COTR or designee for approval.

The Contractor shall attend FWR scheduling meetings with the COTR and/or Maintenance Project Managers for the purpose of setting priorities and negotiating and establishing a realistic schedule for completion of work. The Contractor shall maintain a graphical schedule for use of the Contractor and the Government. The Government will make available Microsoft Project software for the Contractor's use. The Target Start date and the Target Finish date reflected in the CMMS and schedules shall be the actual required start and finish dates of the work, excluding material procurement and delivery.

Days for which work on an FWR or DO is scheduled and cannot be performed because of Government prohibition shall not be considered working days. Interruptions significantly beyond those described in the Work Conditions Subfactor, Section B shall be at no cost to the Government unless the

Contractor can provide sufficient justification that the delay caused the Contractor to incur additional cost beyond the Contractor's control.

Delivery schedules include the time required for final cleanup, inspection, acceptance, and closeout of the FWR or DO. Lack of labor, materials, and all necessary equipment, tools, and transportation shall not be an acceptable cause for unsatisfactory performance or failure to complete IDIQ work. Noncompliance with scheduled completion dates shall be subject to deductions per Section E, Inspection and Acceptance; Consequences of Contractor's Failure to Perform Required Services.

6. Inspection of FWRs or DOs

Unless otherwise specified in the contract, the Government may accept, as promptly as practicable after completion and inspection, all work required by a FWR or DO or that portion of the work the CO or authorized representative determines can be accepted separately.

a. Inspections – General. See Section E.

b. Inspections - Tests and Concealed Items

- 1) The Contractor shall notify the COTR or authorized representative, at least 2 days prior to any test, concrete placement, and other concealment of critical components. Inspection will be made after notification that all items have been installed for the test or concrete placement. Should the inspection reveal that corrective measures are required or that the work is not complete, an additional 24 hours will be allowed to complete the Government inspection after all work has been corrected.
- 2) The COTR or authorized representative shall be notified at least 24 hours in advance of backfilling or encasing in order that final location and elevations can be verified. Failure to provide such notification may require reopening of a trench to obtain necessary verification and further backfilling, all at the Contractor's expense.

c. Final Inspections

The Contractor shall notify the Maintenance Project Manager and Maintenance Inspector within one (1) working day following completion of each FWR or DO to schedule a joint final inspection. The Contractor shall allow a minimum of three working days after the Contractor's request for the Government to schedule the joint final inspection. The Government, or individual(s) authorized by the Government, will thoroughly inspect the completed work. The Contractor shall submit to the Maintenance Inspector "red line" drawings showing "as-built" conditions for all previously agreed to changes to system configuration at the time of the final inspection.

d. Acceptance of Work For FWRs and DOs

The Government will accept IDIQ work only after all work has been completed and noted discrepancies have been corrected. A complete FWR or DO package, including a statement of corrective action taken and revised sketches or drawings (if other than originally provided in the scope of work), shall be returned to the COTR within three (3) days following the joint final inspection. Following final acceptance by the Government, the Contractor shall invoice for payment as specified in the "Consideration and Payment," Section B.7.

1.7 AVAILABLE GOVERNMENT PROPERTY, MATERIALS, AND SERVICES

1.7.1 General

The Government will make available to the Contractor certain Government-owned facilities, equipment, material, and utilities for use in connection with this contract. The use of Government property and services for other purposes is prohibited. All such facilities, equipment, and materials will be made available in their "as is" condition. However, special purpose shop equipment shall be maintained in accordance with Paragraph 10.2.L. The Contractor shall maintain all shop, worksites, and storage areas in a safe and clean condition at all times. The Government will occasionally elect at their discretion to make available to the Contractor additional Government-owned materials and equipment beyond those listed in this specification.

- A. Government Facilities, (GF). The Government will make available to the Contractor the facilities listed in Attachment J-27. Should the Government elect to mothball, abandon, or otherwise reutilize space provided to the Contractor and the function the Contractor is performing remains a part of the COSS contract, equitable space will be provided elsewhere. Should the Contractor choose to use the GF, adequate precautions shall be taken by the Contractor to prevent fire hazards, odors, and vermin. All GF will receive the normal services provided at MSFC. The Contractor shall obtain written approval from the CO and COTR prior to making any modifications or alterations to the facilities. Any such modifications or alterations approved by the Government will be made at the expense of the Contractor and shall be in compliance with all applicable building codes and standards. At the completion of the contract, all facilities shall be returned to the Government in the same condition as received, except for approved modifications or alterations and reasonable wear and tear. The Contractor shall be held responsible for the cost of any repairs caused by negligence or abuse on their part, or on the part of their employees.
- B. Government Material (GM). The Government does not intend to provide any material for this contract but reserves the right under equitable circumstances as follows:

Spare Parts and Supplies

Spare Parts – There is a small amount of Government owned material available. This material is to be used for IDIQ work only. When these parts are used, the IDIQ proposal shall reflect government furnished material and show no charge. It will be the Contractor's responsibility to procure additional or replacement spare parts. Some of the government owned parts are critical spares for UPS systems and will be replaced at Government expense.

Spill Response – Spill response equipment and materials are listed in AS10-OWI-001, Consolidated Environmental Response Plan.

- C. Government Property Management Plan. The Contractor shall prepare a Government Property Management Plan that defines the Contractor's methods of care, accounting, and control of Government property. The Contractor shall prepare this plan in accordance with DRD 1197LS-001.
- D. Radios. The Government will provide approximately 228 two-way networked radios for the Contractors use in managing work. These radios will be controlled, maintained, and replaced as required by the Government. The Contractor shall not bring onsite any other radio communication devices.
- E. Availability of Utilities. The Government will furnish the following utility services at existing locations, for use in those facilities provided by the Government and as may be required for the work to be performed under the contract: electricity, steam, natural gas, water, sanitary sewer, storm drain, and local communications on-site. Utilities specified above will be furnished at no cost to the Contractor. However, communication services such as long distance telephone service, cellular telephones, high-speed fax/data communications, computers beyond those provided to the Work Control Center, will be the responsibility of the Contractor. The Contractor shall comply with regulatory and energy requirements per Paragraph 1.3, General Management Requirements; Paragraph 1.4, General Administrative Requirements; and Attachment J-26, Directives, Instructions, Policies, and Regulations.
- F. Government Furnished Emergency Services. The Contractor shall post emergency telephone numbers at the job site. Report all emergencies by dialing 911 for ambulance, fire, security, or environmental incidents. The Protective Services Control Center (PSCC), also known as Security, operates 24 hours a day, 7 days a week and may also be reached for assistance at 544-4357, Option 1. The MSFC Medical Center is located on Morris Road, at Building 4249, and phone number is 544-2390. It is open Monday through Friday, between 7:00 a.m. and 3:30 p.m. The MSFC Medical Center may only be used for emergencies and NASA mandated physicals under the general guidelines established by OSHA, EPA, and NRLC.
- G. Respiratory Protection Services. The Government will provide appropriate respiratory protection services. Such services will include quantitative/ qualitative

fit testing, training, maintenance/repair, and issuance of appropriate respiratory protection devices.

- H. The Government will provide approximately 130 ruggedized personal digital assistants (PDA) with software for use with the wireless CMMS system. The Contractor shall utilize the PDA's to scan the barcode on tagged equipment to verify performance of work. Equipment not tagged or with damaged tags shall have a new tag affixed by the Contractor.

1.7.2 **Inventory**

- A. **Joint Inventory.** During the last 15 days of the phase-in period, a joint inventory shall be conducted by the Contractor and the Government of all facilities and equipment to be made available to the Contractor. This inventory will not be the cause of an adjustment in contract price.
 - 1. During the inventory, the Contractor shall determine which items they choose to accept for use under this contract and the exact quantity, condition, and serviceability of those items.
 - 2. Items not desired for use by the Contractor shall be identified by written notification on completion of the phase-in period. Equipment not desired shall be staged by the Contractor at an on-site location indicated by the Contracting Officer for Government pick-up within 30 days after the end of the phase-in period.
 - 3. The Contractor shall prepare an electronic inventory listing (jointly approved by the Government and the Contractor) and maintain the inventory in a current status for the initial contract term and for any option years. The Contractor shall submit to the Contracting Officer an electronic inventory listing whenever changes occur.
- B. **Inventory Discrepancies.** The Contractor shall provide a report electronically or in hardcopy format of inventory discrepancies as they are discovered or suspected. All instances of loss, damage, or destruction (LDD) of Government property shall be reported to the cognizant Property Administrator.

One (1) month prior to expiration of the base contract year and each option year, the Contractor shall conduct a joint inventory with the Government of all Government facilities and equipment made available to the Contractor to ensure no discrepancies exist.

- C. **Inventory at Contract Completion.** At the completion of the contract (including option period, if any), the Contractor shall return the same property equal in type, kind, quality, and quantity of items as originally made available by the Government and accepted by the Contractor, exclusive of those items of equipment turned over to the Government for disposal during the course of performing the contract. At contract termination, the Contractor shall return all Contractor

replaced equipment for which title was vested in the Government. Such property shall be in the same or better condition as when originally made available except for normal wear and tear.

1.8 CONTRACTOR FURNISHED ITEMS

Except for items listed in Paragraph 1.7, Available Government Property, Materials And Services, the Contractor shall provide all facilities, equipment, materials, and services to perform the requirements of this contract. The Contractor shall assure that all required materials and parts are readily available within the timeframes required for all work on this contract unless otherwise noted.

- A. Materials Required for Repair of Government Owned Equipment. The Contractor shall provide new or factory reconditioned parts and components when practicable in providing maintenance and repair services as described herein. All replacement units, parts, components, and materials to be used in the maintenance, repair, and alteration of facilities and equipment shall be compatible with that existing equipment on which it is to be used; shall be of equal or better quality than original equipment specifications; shall comply with applicable Government, commercial, or industrial standards; shall conform to the metric system of measurement when it is most cost effective for the Government; shall conform to the applicable specifications listed in the technical specifications, Attachment J-1; and used in accordance with original design and manufacturer intent. Items not listed in the technical specifications shall be of acceptable industrial grade and quality. If the original manufacturer has updated the quality of parts for current production, parts supplied under this contract shall equal or exceed the updated quality.
- B. Procurement and Maintenance of Government Owned Equipment For equipment procurements, the Contractor shall assure equipment specifications include PT&I acceptance criteria as defined in Reliability Centered Maintenance Guide for Facilities and Collateral Equipment. This same criteria shall apply to maintain existing in-service equipment.
- C. Consumable and Incidental Tools, Supplies, and Materials The Contractor shall be responsible for providing all incidental tools, supplies, and consumable materials for accomplishing all work under this contract unless otherwise noted. Examples would include, but not be limited to, wrenches, work gloves, face shields, welding rod, lumber, office supplies, uniforms, miscellaneous gases (inert and flammable), drums.
- D. Contractor's Site Office The Contractor shall maintain an office with a local telephone number at which its designated representative may be reached during normal business hours during the contract period. A telephone message-recording device is not acceptable. The Contractor shall immediately notify the Contracting Officer of any change in the telephone number or contacting procedures. The contractor shall also provide telephone numbers at which its designated representative can be reached outside normal business hours.

- E. Contractor Furnished Equipment Unless otherwise noted, the Contractor shall furnish all equipment necessary to accomplish all work under this contract.

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2.0 DEFINITIONS AND ACRONYMS

As used throughout this contract, the following terms shall have the meaning set forth below.

Where "as shown," "as indicated," "as detailed," or words of similar import are used, it shall be understood that reference is made to this specification and the drawings accompanying this specification unless stated otherwise.

Where "as directed," "as required," "as permitted," "approval," "acceptance," or words of similar import are used, it shall be understood that direction, requirement, permission, approval, or acceptance of the Contracting Officer is intended unless stated otherwise.

Age Exploration - The process of determining the most effective intervals for maintenance tasks. It is called age exploration because it is often associated with identifying age related maintenance actions such as overhaul and discard tasks and then extending the interval between tasks.

Alteration - The work required to adjust, make changes, or modify other physical characteristics of an existing real property facility so that it may be more effectively adapted to or utilized for its designated purpose.

Apprentice - Is a semi-skilled worker that is registered in a bona fide apprenticeship program approved by the U.S. Department of Labor, Bureau of Apprenticeship and Training.

Army Garrison - Army organization providing infrastructure support services to the Army's Redstone Arsenal. Marshall Space Flight Center is located in the middle of Redstone Arsenal and receives all of its major utilities, including electrical, steam (80 percent), domestic water, industrial water, and sanitary sewer from Army Garrison.

Associated Fittings - Those fittings (mechanical, soldered, or welded) that are existing or required new, on both or either end of a run of piping, to allow for the removal and/or reinstallation of said piping for repair or replacement.

ASHRAE - An international organization whose sole purpose is advancement of the arts and sciences of heating, ventilation, air conditioning, and refrigeration for the public benefit through research, standards writing, continuing education, and publications.

Authorized Representative - A person designated either in writing or verbally by the Contracting Officer Technical Representative to authorize COSS activities that are not specifically assigned to the Contracting Officer or the Contracting Officer Technical Representative.

Authority to Proceed (ATP) – The executed purchase order authorizing the contractor to begin phase-in activities.

Backlog of Maintenance and Repair (BMAR) - Unfunded facilities maintenance work required to bring facilities and collateral equipment to a condition that meets acceptable facilities maintenance standards.

Backlogged Trouble Calls - A routine trouble call issued during the previous contract which was not completed for any reason, or maintenance, repair, and minor corrective maintenance requirements which may be identified during lapses, if any, in services between this contract and the previous contract.

Bin Materials - Materials that have a unit cost of less than \$5 or in the case of materials bought by length (for example, wire, conduit, pipe) the price of the length required is less than \$5.

Basic Utilities - Electricity, steam (North of Fowler Road), potable water, sanitary sewer, and natural gas. Basic utilities are furnished by the U.S. Army including maintenance of their respective distribution systems. The interfaces on the utility systems are normally five feet outside the building or at some specific convenient disconnect nearby.

Building - The classification "Building" includes the basic structure, capital improvements, and fixed equipment that are normally required for the functional use of the building and becomes permanently attached to a part of the building and cannot be removed without cutting into the walls, ceilings, or floors, such as plumbing, heating, and lighting equipment; elevators; central air-conditioning systems; and built-in safes and vaults.

Building Manager - A person assigned by the Government that serves as a point of contact for the Center related to problems and issues in a designated area or building for which he/she serves as a representative responsible for relaying information and coordination of activities.

Clean - Clean is defined as free of dirt, dust, litter, debris, loose particles, foreign objects, residue, and other impurities.

Cleanup - Cleanup is the process of returning an area to a clean condition after completion of work or during a delay in work. It includes but is not limited to sweeping, mopping, dusting, vacuuming as well as removal of debris (limited to small amounts, generally that which can be removed in less than one hour).

Collateral Equipment - Encompasses building-type equipment, built-in equipment, and large, substantially affixed equipment/property and is normally acquired and installed as part of a facility project as described below:

- Building-Type Equipment - A term used in connection with facility projects to describe equipment, which is normally required to make a facility useful and operable. It is built in or affixed to the facility in such a manner that removal would impair the usefulness, safety, or environment of the facility. Such equipment includes elevators; heating, ventilating, air-conditioning, and refrigeration systems;

transformers; compressors; and other like items generally accepted as being an inherent part of a building or structure and essential to its utility. Such equipment also includes general building systems and subsystems such as electrical, plumbing, pneumatic, fire protection, and control and monitoring systems.

- Built-in or Large, Substantially Affixed Equipment - A term used in connection with facility projects of any type other than building-type equipment that is to be built in, affixed to, or installed in real property in such a manner that the installation cost, including special foundations or unique utilities service, or the facility restoration work required after its removal is substantial.

Condition Assessment - A standardized survey conducted of facilities at each Center by experienced facilities maintenance personnel to observe the condition of each facility in order to determine the overall average condition of each Center. The surveys should encompass the different components of the facilities, such as roofs, pumps, air conditioning condensers, interior finishes, electrical motors and system. PT&I data, as well as observations noted during PMs, should be included in the condition assessment. They should also include the Center's infrastructure, such as roads, storage tanks, grounds, sidewalks, drainage structures, utility systems.

Conditioned Based Actions - A maintenance or repair action performed when the system/machine condition indicates the action is needed to prevent failure or to initiate repair prior to failure. Conditioned based actions are usually the result of condition monitoring.

Condition Monitoring (also known as Predictive Maintenance, PT&I) - The continuous or periodic monitoring and diagnosis of systems and equipment in order to forecast failure.

Construction of Facilities (CoF) - NASA's capital investment program. CoF projects require Congressional approval.

Contracting Officer - The Contracting Officer is a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

Contracting Officer Technical Representative (COTR) - The person who is an authorized Government representative of the Contracting Officer acting within the limits of their authority as specified by the COTR delegation letter. This term does not include any inspector or other person not named as COTR in the delegation letter or designated representatives.

Contractor Representative - A foreman, superintendent, or manager assigned who is empowered to make day-to-day decisions related to all performance under this contract. The Contractor Representative shall serve as the focal point for all work under this contract and shall be responsible for the coordination of all work activities.

Contractor - The term Contractor as used herein refers to both the prime Contractor and any subcontractors. The prime Contractor has a contract with the Government directly. The prime Contractor shall ensure that subcontractors comply with the provisions of this contract.

Cooling Season - The cooling season is defined as the six (6) month period from 15 April through 15 October.

Core Work Hours - Contractor's work hours are between 7:00 a.m. to 4 p.m., Monday through Friday.

Critical Alarm (CA) - Any fire or gas detection alarm.

Critical Equipment - Collateral equipment that must be available to support key MSFC activities. This equipment is further clarified by its stringent availability factor.

Current Replacement Value (CRV) - Is calculated by escalating facilities and collateral equipment acquisition costs and incremental book value changes to the current year. (See Facilities Maintenance Management Handbook, NPD 8831.2 for more detailed definition).

Debris - Undesirable or discarded material including, but not limited to, cut or trimmed vegetation, paper, cans and bottles, otherwise referred to as "trash," and "litter," fallen tree limbs and branches, and rocks, street sweepings, maintenance, repair, and construction (including roofing) waste, and similar waste material, but not including hazardous waste.

Debris Removal – Is the removal of debris during and after the completion of work. Removal of small amounts of debris (requiring less than one hour) is considered part of cleanup.

Defect - A defect is composed of one (1) or more documented deficiencies of unsatisfactory work performance caused by either poor performance or non-performance.

Delivery Order - An order for supplies placed against an established contract or with Government sources.

Emergency Operations Center - An office that directs, coordinates, and controls all tactical activities and management functions necessary to carry out the objectives of Command and Emergency Response.

Emergency Response – A response effort that requires immediate action by employees or other designated personnel to an occurrence that results or is likely to result in an event that causes imminent danger to life, damage to Government property, or damage to the environment.

Facility Data Book - Is a compilation of individual floor plans of major MSFC facilities and other pertinent information on each facility. Provides an overview of building configuration of select facilities at MSFC.

Facility - A term used to encompass land, buildings, structures, and other real property improvements, including utility systems, collateral equipment, or assembly of units of equipment designated for a specific function. The term does not include operating materials, supplies, special tooling, special test equipment, or non-capitalized equipment.

Failure Mode - The manner of failure. For example, the motor stops is the failure, the reason the motor failed was the motor bearing seized which is the failure mode.

Failure Mode and Effects Analysis (FMEA) - Analysis used to determine what parts fail, why they usually fail, and what effects their failure has on the systems in total. An element of Reliability Centered Maintenance (RCM).

Failure Rate - The number of failures divided by interval such as time or cycles. The failure rate will change over time and can be greater than one (but will never be less than zero).

Fire Alarm Systems - Systems that detect fire or fire-related conditions in buildings, structures, equipment, and activation of fire suppression systems. After detection, the system indicates the alarm condition at both local and remote monitoring displays. System includes detectors, building panels and associated wiring, antennas, host computers, local and remote display units, and printers.

Fixed Labor Rates (FLR) - A FLR is the price proposed by the Contractor which shall include all direct costs and indirect costs plus profit to provide one (1) craft hour of work-in-place. For purposes of this contract, indirect costs and profit are part of the labor coefficient. Therefore, FLR shall only include direct cost.

Frequency of Service

- (1) Triennial (T): Services performed once every three years on a date or during the month specified.
- (2) Biennial (B): Services performed once every two years on a date or during the month specified.
- (3) Annual (A): Services performed once during each 12-month period of the contract at intervals of 335 to 395 calendar days.
- (4) Semi-annual (SA): Services performed twice during each 12-month period of the contract at intervals of 160 to 200 calendar days.
- (5) Quarterly (Q): Services performed four times during each 12 month period of the contract at intervals of 80 to 100 calendar days.
- (6) Bi-monthly (BM): Services performed six times during each 12-month period of the contract at intervals of 57 to 63 calendar days.
- (7) Monthly (M): Services performed 12 times during each 12 month period of the contract at intervals of 27 to 33 calendar days.
- (8) Bi-weekly (BW): Services performed 26 times during each 12-month period of the contract at intervals of 13 to 15 calendar days.
- (9) Weekly (W): Services performed 52 times during each 12 month period of the contract at intervals of six to eight calendar days.
- (10) Semi-weekly (SW): Services performed 104 times during each 12-month period of the contract at intervals of two to three calendar days.

- (11) Daily: (DS) Services performed 261 times during each 12 month period of the contract, once each day, Monday through Friday, including holidays unless otherwise noted; or (D7) services performed every day, seven days a week during each 12-month period of the contract including holidays unless otherwise noted.

Gas Detection Systems - Systems that detect gas conditions in buildings, structures, tanks, and equipment. After detection, the system indicates the alarm condition at local, remote, and portable monitoring displays. Systems may include detectors, building panels and associated wiring, host computers, and local and remote display units.

Government - Federal Government.

Government Property - All property owned by or leased to the Government or acquired by the Government.

Grounds - All areas not occupied by buildings, structures, or pavements

Hazardous Material - Materials which because of its quantity, concentration, or physical, chemical, or infectious characteristics, may pose a hazard to human health or the environment. As defined by 49 CFR 173, 29 CFR 1910, 40 CFR 261 and Federal Standard 313.

Hazardous Waste - As defined by 40 CFR 261.

Heating Boiler, Low Pressure - A boiler operated at pressures not exceeding 15 psig for steam, or at pressures not exceeding 160 psig and temperatures not exceeding 250 degrees F for water.

Heating Season - The heating season is defined as the six (6) month period from 15 October through 15 April.

High Voltage - Any electrical voltage exceeding 600V per the National Electric Code (NEC).

IEEE - The world's largest technical professional society whose technical objective is advancing the theory and practice of electrical, electronics and computer engineering, and computer science.

Incidental Craft or Engineering - Contractor-provided craft or engineering support beyond what the Contractor can relate to a specific contract element. It may include, but not be limited to, limited engineering analysis support for the Contractor's craft, or technical support for NASA on-site meetings, design reviews, utility outage support, opening panels for engineering inspection, or code research for specific issues that are being evaluated.

Indefinite Delivery Indefinite Quantity (IDIQ) - Services which cannot be adequately defined in advance for inclusion with Lump Sum services. IDIQ work will always be associated with a delivery order.

Industrial Sewer System - A system of pipes designed to convey untreated industrial wastewater to MSFC's National Pollutant Discharge Elimination System (NPDES) permitted outfall. MSFC is permitted to discharge laboratory wastewater, shop wash down water, non-contact water and storm water through the industrial sewer system.

Infrared Thermography - A predictive technique that uses infrared imaging to identify defects in electrical and electro-mechanical devices such as fuse boxes, circuit breakers, and switchgear. It also can be used effectively in a non-predictive manner to detect thermal cavities and leaks in walls, ceilings, and rooftops, the correction of which can result in sizeable reductions in heating and air conditioning expenses. Thermal imaging is extremely sensitive, and since it evaluates the heat an object emits, emittance and reflective factors of the object and environment must be considered.

Interferences - An interference is any part of a piece of equipment, obstruction or blockage, whether installed or portable, that must be moved, removed, or disturbed in the accomplishment of work specified.

Journeyman - An experienced reliable person who has served a required apprenticeship or equivalent training period (four years or more) in a designated field, craft, or trade that can be documented by a certificate or diploma from a reputable organization, school, or trade school program.

Life Cycle Cost - The sum of the initial cost, operating cost, maintenance cost, lost opportunity cost, and disposal cost less salvage realized.

Low Voltage - Any voltage below 600V per the National Electric Code (NEC).

Lump Sum - Services that can be defined in advance to insure those services are performed in a complete and satisfactory manner.

Maintenance - The recurring day-to-day, periodic, or scheduled work required to preserve or restore a real property facility to such a condition that it may be effectively utilized for its designated purpose. The term includes work undertaken to prevent damage to a facility that otherwise would be more costly to restore.

Maintenance Alarm (MA) - Any alarm, excluding a critical alarm that indicates equipment or a system is operating outside of established parameters.

Maintenance Project Manager - An individual that interfaces with the Contractor with respect to work priorities, work schedule, and resolution of Government related questions. This normally includes technical monitor duties associated with the contract.

Maintenance Work - Maintenance work includes inspection, servicing, cleaning, repairing, and replacement of the equipment, systems, and their components.

Material Condition - The overall existing physical state of existence of a piece of equipment and its associated components with regards to age, appearance, assembly, assessment, evaluation, and appraisal.

Material - An item that is utilized to produce an end product and is permanently incorporated into or attached to an end item.

Mean Time Between Failures (MTBF) - The reciprocal of the failure rate; the average time to fail. The MTBF is sometimes called the Mean Time To Fail (MTTF).

Motor Circuit Analysis (MCA) - A predictive technique whereby the static characteristics of a motor or generator are measured as indicators of equipment condition.

Motor Current Spectrum Analysis (MCSA) - A predictive technique whereby motor current signatures provide information on the electro-mechanical condition of AC induction motors. It detects faults such as broken rotor bars, high resistance joints, and cracked rotor end rings by collecting motor current spectrums with clamp-on sensors and analyzing the data.

Natural Gas System - A natural gas system is that portion of piping that conveys natural gas from the utility meters to all gas fired fixtures.

Noncollateral Equipment - All equipment other than collateral equipment. Such equipment, when acquired and used in a facility or a test apparatus, can be severed and removed after erection or installation without substantial loss of value or damage thereto or to the premises where installed. Noncollateral equipment imparts to the facility or test apparatus its particular character at the time, for example furniture in an office building, laboratory equipment in a laboratory, test equipment in a test stand, machine tools in a shop facility, computers in a computer facility, and is not required to make the facility useful or operable as a structure or building.

Non-Core Work Hours - Contractors work hours other than 7:00 a. m. to 4:00 p. m. Monday through Friday.

Performance Requirements Summary (PRS) - A tabular summary of contract requirements itemized by work requirements (tasks), weight, standards of performance, and AQLs which is used by the Government to assess monthly Contractor performance and is the primary basis for deducting for partially performed, unsatisfactorily performed, and non-performed work. The PRS is provided as Section E.9.

Performance Standards - Those standards that an item is required to meet in order to maintain its required function. The performance standard defines functional failure for the item.

P-F Interval - The interval between the point at which a potential failure becomes detectable and the point of functional failure.

Pleasing Appearance - An appearance similar to the original finished appearance with only minor, unobjectionable deterioration resulting from normal use.

Plumbing System - The plumbing system includes all potable water supply and distribution pipes including deionized water systems, plumbing fixtures, traps, drainage and vent pipe,

and all building drains including their respective joints and connections, devices, receptacles, and appurtenances within the building and to a point of five (5) feet outside each building which shall include potable water piping, gas piping, water heaters, and vents for the same.

Potential Failure - An identifiable condition that indicates that a high probability of failure is imminent.

Power Boiler - A boiler operated at a pressure of more than 15 psig (but not more than 300 psig) for steam, or pressure of more than 160 psig and a temperature of more than 250 degrees F for hot water.

Predictive Testing and Inspection (PT&I) - The use of advanced technology to assess machinery condition. It replaces maintenance scheduled at arbitrary time and usage intervals with maintenance that is scheduled only when the condition of the equipment requires it. The PT&I data obtained allows for planning and scheduling corrective maintenance or repairs in advance of failure. Results of PT&I information collection and analysis are used to schedule preventive maintenance, repair, replace, or validate other maintenance and repair efforts, verify proper new installations, and determine overall material condition of systems and equipment. Use of PT&I is often substituted for time based maintenance in order to perform more effective maintenance activities. Common PT&I technologies include vibration analysis, infrared thermography, and lubricating oil analysis.

Preventive Maintenance (PM) – The planned, scheduled periodic inspection, adjustment, cleaning, lubrication, parts replacement, and routine repair of equipment and systems for which a specific operator is not assigned. PM consists of many checkpoint activities on items that, if disabled, would interfere with an essential operation, endanger life or property, or involve high cost or long lead time for replacement.

Proactive Maintenance - Also referred to as "root-cause analysis," proactive maintenance is the further application of predictive maintenance technologies toward extending machinery life. It seeks to reduce the need for maintenance through better design, better installation, precision balance and alignment, and root-cause failure analysis.

Programmed Maintenance - Those maintenance tasks whose cycle exceeds 1 year, such as painting a building every 5th year (this category is different from PM in that if a planned cycle is missed the original planned work still remains to be accomplished, whereas in PM only the next planned cycle is accomplished instead of doing the work twice such as two lubrications, two adjustments, or two inspections.). Some examples of Programmed Maintenance include: painting, roof maintenance (flood coat, flashing, patching, some repair by replacement), road and parking lot maintenance (overlays, seal coating, and patching), utility system maintenance (pigging of constructed lines), and similar functions.

Proper Operation - The operation of a piece of equipment or system in accordance with the manufacturer's specifications and its design parameters

Public Sanitary Sewer - A public sanitary sewer system is a common sewer connecting all building drains together and carrying them to a treatment plant.

Quality Assurance (QA) - A method used by the Government to provide some measure of evaluation over the quality of purchased goods and services received.

Quality Assurance Evaluator (QAE) - A person(s) designated by the COTR to measure/monitor Contractor performance under this contract. Also referred to as a Technical Monitor.

Quality Assurance Program - A program implemented by the Government to evaluate the output quality and responsiveness of the Contractor to ensure that the Government receives the services for which public funds are expended. It is emphasized that the Government's quality assurance program is not a substitute for the quality control program implemented and administered by the Contractor.

Quality Control (QC) - A method used by the Contractor to control the quality of goods and services produced.

Quality Control Plan (QCP) - A plan implemented by the Contractor to help identify, correct, and control problems throughout the entire scope of the Contractor's own operations.

Reactive Maintenance - Often called breakdown maintenance or "run to failure (RTF)." Reactive maintenance or equipment repairs are performed only when the deterioration in a machine's condition causes a functional failure. A high percentage of unplanned maintenance work, high replacement part inventories and the inefficient use of maintenance personnel typify this strategy.

Real Property - All Government lands and rights therein; ground improvements, utility distribution systems, buildings, and structures.

Rebuilt Components/Assemblies - Components, assemblies, or subassemblies of equipment that have been disassembled and reconstructed using replacement or re-manufactured parts as necessary and reassembled to produce a serviceable product whose service life expectancy is at least equal to the original component/assembly.

Rehabilitation - The restoration or overhaul to a reasonably efficient operating condition of a part or all of a facility that has deteriorated due to wear, tear, and use. It improves the general condition of buildings, structures, or systems, rather than specific fixtures, equipment, or repair items. Original configuration is not altered.

Reliability Centered Maintenance (RCM) - RCM is a maintenance strategy that logically incorporates the optimum mix of preventive, predictive, reactive, and proactive maintenance practices. These maintenance practices, rather than being applied independently, are integrated to take advantage of their respective strengths in order to maximize facility and equipment operability and efficiency while minimizing life cycle costs.

Repair - Repair is the restoration of a piece of equipment, a system, or a real property facility to such a condition that it may be effectively utilized for its designated purposes. Repair may be overhaul, reprocessing, or replacement of constituent parts or materials that have deteriorated by action of the elements or usage and have not been corrected through maintenance, or replacement of the entire unit or system if beyond economical repair.

Response Time - Response time is defined as the time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site with appropriate tools, equipment, and materials, ready to perform the work required.

Root Cause Failure Analysis (RCFA) - The process of exploring, in increasing detail, all possible causes related to a machine failure. Failure causes are grouped into general categories for further analysis. For example, causes can be related to machinery, people, materials, methods, policies, environment, and measurement error.

Run-to-Failure - A maintenance approach where no action is taken (time or cycle based actions), following installation, to prevent failure. Candidate systems or machines for run-to-failure are usually low cost, easily repaired, and non-critical.

Safety Consequences - The consequences of failure results in personal injury and/or impact on personal well being.

Service Contract Act (SCA) Work - The Service Contract Act (40 U.S.C. 351, as amended provides that contracts in excess of \$2,500.00 to which the United States or the District of Columbia is a party hereto, for the furnishing of services through the use of service employees, shall contain a clause (FAR 52.222-41) that no service employee shall receive less than the minimum prevailing wage rates and fringe benefits as determined by the Secretary of Labor.

SI - The International System of Units; SI is the modernized version of the metric system based on the meter, kilogram, and second (MKS) units. It is a decimal system composed of basic, supplementary, and derived units, and is the system that is preferred for all applications for the Government.

Spill Response - Activities associated with a spill of hazardous or controlled substance that enters or threatens to enter the environment. Activities include containment and cleanup.

Steam Distribution System - A system (including distribution lines and installed equipment forming an integral part of the system) which transmits steam between (1) the outside of the building or structure in which the services are used, and (2) the point of origin or disposal, or the connection with some other system. This only applies to steam systems owned and operated by MSFC

Storm Sewer (Drain) System - The storm sewer system consists of building roof leaders, area drains, gutters, catch basins, drop inlets, curb drains, manholes, open culverts, any piping conveying rainwater, and surface water to public tributaries.

Supplies - Items that are utilized to produce an end product and are not permanently incorporated into or attached to an end item. (Examples include: masking tape, sandpaper, solvent, cleaners, lubricants, grease, oil, rags)

Surfaced Areas - Surfaced areas include all concrete, asphalt, and gravel surfaces and their associated features such as curbs, gutters, inlets, drains, and manhole surfaces. Surfaced areas include, but are not limited to, vehicular pavements, sidewalks, patios, pathways, recreational courts, exterior stairways, ramps, pads, and all shoulders of above.

Trouble Call (TC) - Trouble calls are reactive maintenance work that is generally called in by Building Managers, maintenance workers, or occupants of a facility. This category is composed of three types of work classified in Paragraph 4.2.D, Lump Sum Work; Trouble Calls; Classification of Trouble Calls. The scope of a trouble call is limited to \$2000.00 in total labor and material.

Trouble Call Service (TCS) - Trouble call services are minor requests that are not collateral maintenance items and are not addressed in the scope of another organization's responsibility but are performed by maintenance organizations because they possess the skills necessary to perform the work. The scope of a trouble call service is limited to \$2000.00 in total labor and material.

Trouble Call Operations Fire Alarm System (TOF) - Operation and minor maintenance associated with fire alarm systems shall include, but not be limited to, disabling alarms and panels to prevent inadvertent activation while other personnel are working in an area, enabling alarms and panels after personnel have performed work that might inadvertently activate alarms, maintaining prescribed sensitivity limits in accordance with manufacturer recommendations, restoring power and resetting alarms and panels after planned or unplanned outages, resetting breakers, responding to activated alarms, maintaining panels, replacing batteries, supporting fire drills, and reprogramming systems. The work shall also include repair. The Contractor's repair liability for servicing equipment and system components is limited to \$2,000 per system, per occurrence.

Trouble Call Operations Gas Alarm Systems (TOG) - Operation and minor maintenance associated with gas alarm systems shall include, but not be limited to, disabling alarms to prevent inadvertent activation while other personnel are working in an area, enabling alarms systems after personnel have performed work that might inadvertently activate alarms, restoring power and resetting alarms after planned or unplanned outages, resetting breakers, responding to activated alarms, replacing batteries, maintaining prescribed sensitivity limits in accordance with manufacturer recommendations, replacing cells and detectors, replacing and adjusting monitors, and adding cell fluid. The work shall also include repair. The Contractor's repair liability for servicing equipment and system components is limited to \$2,000 per system, per occurrence.

Trouble Call Operations HVAC/R Systems (TOH) - Operations and minor maintenance associated with HVAC/R systems shall include, but not be limited to, performance of seasonal equipment start-ups and shutdowns, calibrations, resetting and restarting tripped equipment, regulator or thermostat adjustments, filter replacements other than HEPA filters, and isolating and returning equipment to service as a result of planned or unplanned outages.

Isolating and returning equipment to service for PM or PT&I shall be considered part of the PM or PT&I and thus not a TOH. The work shall also include repair of HVAC/R related components (for example, Air Compressors, Air Dryers, Fans, Chillers, Cooling Towers, DXAC units, Humidifiers, Pumps) and associated piping isolated to the first connection point upstream and downstream of each component. All piping, fittings, valves, insulation/lagging, aluminum jacketing, expansion loops, traps, strainers, pipe hangers, anchors, structural supports, and touch-up painting are inclusive. The Contractor's repair liability for servicing equipment and system components is limited to \$2,000 per system, per occurrence.

Ultrasonic Analysis - A predictive technique incorporating the use of airborne and pulse-echo, ultra-high frequency sound. Commonly used to pinpoint steam leaks and steam trap failures. Additionally, ultrasonic thickness gauges are used routinely to measure wall thinning in vessels and pipes and in other similar applications.

Unit Cost - The cost of an item per unit. The unit cost may be expressed in units of length, weight, volume or each piece.

Unit Price Book (UPB) - As used in this contract refers to the prices published by the R.S. Means®, entitled "Facilities Maintenance and Repair Cost Data".

Utility Control Systems (UCS) - A computerized equipment monitoring and control system that detects abnormal conditions, controls HVAC equipment, and provides remote readout of electrical consumption meters.

Vibration Analysis - The dominant technique used in predictive maintenance. Uses noise or vibration created by mechanical equipment to determine the equipment actual condition. Uses transducers to translate a vibration amplitude and frequency into electronic signals. When measurements of both amplitude and frequency are available, diagnostic methods can be used to determine both the magnitude of a problem and its probable cause. Vibration techniques most often used include broadband trending (looks at the overall machine condition).

Water Supply System - The water supply system of a building or premises consists of the building supply pipe, water distribution pipes, and the necessary connecting pipes, fittings, control valves, and all appurtenances carrying or supplying water in or adjacent to the building or premises and connected to the water main for supply.

Work Site - The actual site where the work is performed. An example is a building where equipment is being maintained or repaired.

ACRONYMS AND ABBREVIATIONS

A/C	Air Conditioning
ADA	Americans with Disabilities Act
ADEM	Alabama Department of Environmental Management
AHU	Air Handling Unit
ANSI	American National Standards Institute
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASQC	American Society for Quality Control
ATP	Authority to Proceed
AWS	American Welding Society
BAS	Building Automation System
BHMA	Building Hardware Manufacturer's Association
BMAR	Backlog of Maintenance and Repairs
BOE	Basis of Estimate
CBA	Collective Bargaining Agreement
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CIO	Chief Information Officer
CLIN	Contract Line Item Number
CMMS	Computer Maintenance Management System
CO	Contracting Officer
CoF	Construction of Facilities
COSS	Center Operations Support Services
COTR	Contracting Officer's Technical Representative
CPR	Core Program Requirements
D7	7 Days Per Week
DCAA	Defense Contract Audit Agency
DEL	Daily Events Log
DDC	Direct Digital Control
DI	Deionized
DO	Delivery Order
DOD	Department of Defense
DOE	Department of Energy
DOL	Department of Labor
DOT	Department of Transportation
DPD	Data Procurement Document
DRD	Data Requirements Description
DUC	Damage and Utility Control
DXAC	Direct Exchange Air Conditioning
EMD	Emergency Management Director
EPA	Environmental Protection Agency
EPM	Excel Pricing Model
EWS	Emergency Warning System
FAR	Federal Acquisition Regulation

FCA	Facility Condition Assessment
FEMA	Failure Modes and Effects Analysis
FFP	Firm Fixed Price
FID	Field Interface Device
FLR	Fixed Labor Rate
FMO	Facilities Management Office
FSM	Facility Service Manager
FWR	Facilities Work Request
GAO.	Government Accountability Office
GE	Government Equipment
GF	Government Facilities
GFE	Government Furnished Equipment
GFF	Government Furnished Facilities
GILC	Government Identified Labor Category Description
GM	Government Material
GPE	General Purpose Equipment
GSA	General Services Administration
HAZWOPER	Hazardous Waste Operations and Emergency Response
HCFC	Hydrochlorofluorocarbon
HEPA	High Efficiency Particulate Air
HOSC	Huntsville Operations Support Center
HSPD	Homeland Security Presidential Directive
HVAC	Heating, Ventilating, and Air Conditioning
HVAC/R	Heating, Ventilating, and Air Conditioning/Refrigeration
IAQ	Indoor Air Quality
IDIQ	Indefinite Delivery Indefinite Quantity
IEEE	Institute of Electrical and Electronic Engineers
IT	Information Technology
ITSRCD	IT Security Requirements Compliance Document
IWTF	Industrial Wastewater Treatment Facility
JD/Q	Job Description and Qualifications
KPSTC	Key Personnel, Staffing, and Total Compensation
LAN	Local Area Network
LEED	Leadership in Energy and Environmental Design
LDE	Lifting Devices and Equipment
LDEE	Lifting Devices and Equipment Engineer
LTC	Lost Time Case
MPG	Marshall Procedures and Guidelines
MSFC	Marshall Space Flight Center
MTA	Management and Technical Approach
NAICS	North American Industry Classification System
NASA	National Aeronautics and Space Administration
NDT	Non Destructive Test
NEC	National Electric Code
NEMS	NASA Equipment Management System
NFPA	National Fire Protection Association
NFS	NASA FAR Supplement
NLRB	National Labor Relations Board

NPDES	National Pollutant Discharge Elimination System
NPG	NASA Procedures and Guidelines
NRC	Nuclear Regulatory Commission
NSCCB	Network Security Configuration Control Board
NTE	Not to Exceed
OMB	Office of Management Budget
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PIV	Personal Identity Verification
PKI	Public Key Infrastructure
PM	Preventive Maintenance
POV	Privately Owned Vehicle
PPW	Pre-Priced Work
PRS	Performance Requirements Summary
PSCC	Protective Services Control Center (Contractor)
PT&I	Predictive Testing and Inspection
PWS	Performance Work Statement
QA	Government Quality Assurance
QAE	Quality Assurance Evaluator
QAP	Quality Assurance Plan
QC	Quality Control
QCP	Quality Control Plan
RCFA	Root Cause Failure Analysis
RCM	Reliability Centered Maintenance
RFP	Request for Proposal
RTF	"run to failure"
SAT	Simplified Acquisition Threshold
SB	Small Business
SCA	Service Contract Act
SDB	Small Disadvantaged Business
SEB	Source Evaluation Board
SF	Standard Form
SHE	Safety, Health, and Environmental
SID	State Indirect Discharge
SPE	Special Purpose Equipment
SSA	Source Selection Authority
SWMA	Solid Waste Management Area
T&M	Time and Materials
TBD	To Be Determined
TC	Trouble Call
TCS	Trouble Call Service
TDO	Term Determination Official
THD	Total Harmonic Distortion
TIN	Taxpayer Identification Number
TRL	Technical Reference Library
TSCA	Toxic Substances Control Act .
TSDR	'Treatment Storage, Disposal, Recycling
TSRC	Technical Specification for Repairs and Construction

UCS	Utility Control System
UPB	Unit Price Book
UPS	Uninterrupted Power Supply
UUM	Underground Utility Maps
VAV	Variable Air Volume
VOC	Volatile Organic Compound
VSD	Variable Speed Drive
WCC	Work Control Center
WYE	Work Year Equivalent

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3.0 DOCUMENTATION, WORK CONTROL, AND RELIABILITY CENTERED MAINTENANCE

3.1 GENERAL

The Contractor shall plan, schedule, assess, monitor, and report work described under this contract in a manner that maximizes visibility and efficiency.

3.2 LUMP SUM WORK

A. Administrative

1. Contract Element (CLIN - 00X1.0301) Safety and Health Plan. The Contractor shall submit and update a Safety and Health Plan in accordance with DRD 1197SA-001.
2. Contract Element (CLIN – 00X1.0302) Quality Control Plan (QCP) and Quarterly Summary Report. A QCP that specifies the Contractor's quality program for PWS tasks shall be submitted with the Technical Proposal. The Contractor shall prepare the QCP in accordance with DRD 1197QE-001. The Contractor shall provide a summary report each contract quarter in accordance with DRD 1197QE-001. Quarters are established by using the contract start date as the beginning date of the first quarter.
3. Contract Element (CLIN – 00X1.0303) Technical Reference Library (TRL). After award of contract, the existing TRL shall be maintained by the Contractor. TRL data shall be current and shall include, but not be limited to, all applicable Government publications and regulations, operation and maintenance procedures prepared by the Contractor, plans and drawings, Government and manufacturers' equipment operation and maintenance manuals, historical data, completed FWRs or DOs, completed TCs and TCSs, completed PM, and a hardcopy of all paragraphs of this contract. Drawings are limited to those drawings or sketches that the Contractor prepares for internal use or those prepared for the Government in support of a work assignment. Codes or publications that are purchased by the Contractor shall remain the property of the Contractor at the end of the contract period. However, the Government shall have access to these documents during the contract period. The Contractor shall maintain and update all TRL equipment operation and maintenance manuals relevant to this contract throughout the entire contract period. The Government will own the TRL and Government personnel shall have continuous access. The TRL shall be fully operational 45 days after the contract start date.

B. Work Control

1. Contract Element (CLIN - 00X1.0305) Work Control Center. The Contractor shall operate a Work Control Center (WCC) between the hours of 6:00 a.m. and 4:00 p.m. on core workdays. This includes operating the Trouble Call

Desk described in Paragraph 3.2.B.1.a. The Utility Control System (UCS) Contractor will receive work requests from 4:00 p.m. until 6:00 a.m. for normal workdays, weekends, and holidays and enter work into the web based work submittal system. The Contractor shall only be required to respond to work identified by the UCS Contractor in non-core hours as identified in Paragraph 1.2.F. The WCC shall enter all web based submittals into the work control system on the first core workday after the web based submittal. The WCC will receive a status report from the UCS Contractor between 6:00 a.m. and 6:30 a.m. at the UCS control room each workday that delineates all alarms that have occurred and work orders submitted through the web based system by the UCS Contractor since the last UCS status report. In addition to processing work orders for all of the Contractor's work, the WCC shall process the FMO construction, grounds care and custodial work orders, and will receive hardcopy or electronic facility work requests from throughout MSFC as well as calls or electronic notification of work needs that meet the definition of trouble calls or trouble call services. FMO construction work orders are work assigned to a FMO project manager and performed in accordance with the Davis-Bacon Act through a construction contract. The WCC shall make an initial assessment to determine if the work requested is within the scope of this contract and if so, properly classify and process work. If the WCC or its management cannot determine if the work is within the contract scope, the COTR will assist in work scope determination. Also, the WCC shall compile a WCC status report consisting of information from the UCS status report, HVAC hot/cold call status, elevator operation status, urgent or emergency work that is ongoing or has been identified since the last WCC status report, and other specific work that the Government has identified. An appropriate Contractor manager that has sufficient background to discuss all aspects of the WCC status report shall meet with the COTR and their representatives by 8:00 a.m. each workday at a location designated by the COTR and will provide the work status report in hard copy. Weekend and holiday information will be included in the report for the next regular workday. The Contractor shall implement all necessary work control procedures to ensure fully adequate and timely completion of work requirements, as well as to permit tracking of work in progress. The Contractor shall plan and schedule work to assure material, labor, and equipment are available, and environmental and safety concerns are met to complete work requirements within the specified time limits and in conformance with the quality standards established herein. All work requirements are to be logged daily and entered into the Computerized Maintenance Management System (CMMS) daily. Verbal scheduling and status reports shall be provided when requested by the COTR. The status of any item of work shall be provided within two (2) hours, except as may otherwise be specified in this specification.

- a. Notification Procedures. The Contractor shall operate a Trouble Call Desk that will screen, classify, assign control numbers to, and issue TCs and TCSs. An individual fully familiar with the Contractor's work control procedures and applicable terms and conditions of this contract shall answer all telephone calls within 30 seconds. The requestor shall be given

a TC number and phone number for future statusing if they should desire. The requestor shall also be given the work classification and the maximum number of days allowable to perform the work. The UCS Contractor will not be held to the notification requirements associated with Trouble Call Desk operation. Notification for work orders submitted through the web base system during non-core hours by the UCS Contractor will be accomplished by the WCC on the first core workday after the web based work submittal.

- b. IDIQ Processing. The Contractor shall provide routing and processing of IDIQs including the transport of MSFC Form 199s to the various persons in the approval chain. This central point of contact shall be responsible for the receipt, numbering, processing, routing, receipt of related design drawings, and statusing of all IDIQ's. Processing shall be in accordance with OWI AS20-OI-015.

- 2. Contract Element (CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall maintain and manage data in the CMMS to reflect all work performed (including work performed by other contractors or the Government related to facilities maintenance, if notified). All work records, with the exception of preventive maintenance, for work performed by the COSS Contractor shall be updated as complete or closed, as appropriate, on the next workday after physical completion of the work. Preventive maintenance work orders shall be updated as completed or closed within 3 workdays after physical completion of the work. Work status for work not performed by the COSS Contractor shall be entered within one day of notification of status change. The Government will provide maintenance and support for all Government furnished software and hardware unless otherwise specified. The Government will provide all maintenance and administration of the on-site network infrastructure. No data, except data entered in error by the Contractor, shall be deleted from the database without the written consent of the COTR. The Government may at any time access the database and review any information contained therein. The database, including changes made under this contract, is Government property, for the exclusive use of the Government, and may not be transferred to another location, in any form, or used by the Contractor for any purpose except for work performed under this contract. See Paragraph 1.4.G.2, Disclosure of Information.

The contractor shall utilize all modules and features of the CMMS unless waived by the COTR.

The existing CMMS is MAXIMO Extended Enterprise version 5.2.

C. Work Scheduling and Planning

- 1. The Contractor shall arrange their work so as to not cause interference with the normal occurrence of Government business. Note that a number of facilities

have restricted entry and the Contractor shall develop work schedules around the entry requirements. In those cases where some interference is unavoidable, the Contractor shall make every effort to minimize the impact of the interference and its effects on the occupants or users. The intent of the Government is to allow the Contractor to develop an optimal formal schedule and plan rather than to impose a rigid fixed schedule and plan which in some cases may not be appropriate or cost effective. In developing PM schedules and plan guides, the Contractor should consider and rely on: (1) past Government records; (2) the Contractor's own experience; and (3) industry standards and guides, and then develop a program which produces the most appropriate and effective availability of the equipment and operational efficiency of the building or utility systems to be used for its intended purpose.

2. Contract Element (CLIN - 00X 1.0307) Annual Work Plan. The Contractor shall prepare an Annual Work Plan for all maintenance work per the requirements of NPR 8831.2. NASA will use the work plan to support budget requests for maintenance and to plan other work. The Contractor shall assemble historical information (usually from the CMMS) in order to provide an accounting of work performed and identify emerging trends. The Contractor shall prepare the Annual Work Plan in accordance with DRD 1197LS-003. Data shall be addressed by fiscal year in order to identify trends. Note that utility, construction, and capital investment data will require interfacing with other AS20 groups or contractors.
3. Contract Element (CLIN - 00X 1.0308) Five Year Maintenance Plan. The Contractor shall develop a five-year plan to project maintenance needs beyond the annual work plan. The plan will be used by the Government as a guide for maintenance planning and budgeting. The Contractor shall prepare the plan in accordance with DRD 1197LS-005.
4. Contract Element (CLIN - 00X1.0309) Facility Condition Assessment (FCA). Standardized facility condition assessments shall be conducted on each MSFC facility by experienced facilities maintenance personnel to observe, record, and recommend maintenance activities to maintain reliable facility performance at the least cost. The Contractor shall assess the condition of each facility in order to determine the overall average condition of the Center. The surveys shall encompass the different components of the facilities, such as, but not limited to, roofs, pumps, air conditioning, interior finishes, electrical devices and systems. They also include the Center's infrastructure, such as, but not limited to, roads, storage tanks, grounds, sidewalks, drainage structures, and utility systems. The Contractor shall utilize Government furnished PDA's to gather data and to populate government owned software. The Contractor shall also utilize Government furnished desktop software for data gathering, data manipulation and reporting. The Contractor shall provide FCA reports in accordance with DRD 1197LS-006. The FCA process shall include the use of PM and PT&I data where applicable. The FCA's shall insure 80 percent accuracy of the Center's Backlog of Maintenance and Repair (BMAR) at all times. The Government furnished software is designed to generate reports in

the proper format. The BMAR associated with FCA's shall consist of labor cost, material cost, and contractor overhead.

5. Contract Element (CLIN – 00X1.0310) Facility Condition Assessment (FCA) Schedule. The Contractor shall provide an FCA schedule that provides individual FCA report dates for all MSFC facilities and the Center's infrastructure and associated BMAR data in accordance with DRD 1197LS-006.
6. Contract Element (CLIN - 00X1.0311) Facility Condition Assessment Project Recommendations. The Contractor shall provide to the Government a recommendation of projects, based on their FCA findings, for Government consideration in initiating capital investment projects. The Contractor shall provide FCA project recommendations in accordance with DRD 1197LS-008. After initial submittal the list shall be revised based on continuing FCA analysis combined with any Government direction associated with a specific Government need. Additional project lists may be requested on an as-needed basis throughout, the contract period. The additional lists should not exceed three in number for any contract year and will be in the format identified in DRD 1197LS-008. The specific project values will normally be the variable for developing the additional lists.
7. Contract Element (CLIN 00X1.0314) IDIQ Schedule. The Contractor shall provide a graphical schedule for the use of the Government and the Contractor. This shall be the governing document for IDIQ work schedules. The Contractor shall provide a IDIQ Schedule in accordance with DRD 1197LS-016. The start and finish dates reflected in this schedule shall be the actual start and finish dates of the work and shall not include material delivery times. Regularly scheduled meetings shall be held with the Government to address scheduling problems and set priorities. Work that is in process shall be indicated by an "in progress" status in the CMMS. If work cannot be performed on an IDIQ that is scheduled for work it shall be placed in a hold status with an explanation. The Contractor shall schedule support crafts and equipment as well as the primary craft. Unavailability of support craft or equipment and tools will not be considered by the Government as sufficient justification for delay of work unless it was previously planned for by the Contractor and is unavailable through no fault of the Contractor.

D. Reliability Centered Maintenance (RCM)

1. The overall goal regarding Center operations and maintenance is to attain the building and system availability at the lowest life cycle cost (LLC) while meeting all standards for security, environmental health, safety, and MSFC mission requirements. RCM is the optimum mix of reactive, preventive, condition based, and proactive maintenance practices. Proactive maintenance includes Root Cause Failure Analysis (RCFA) and Failure Modes and Effects Analysis (FMEA) as well as Age Exploration. The maintenance strategies rather than being applied independently are integrated to take advantage of

their respective strengths in order to maximize facility and equipment operability and efficiency while minimizing life cycle cost. The RCM Report format will provide an opportunity for the Contractor to identify trends and to propose changes to the maintenance approach. When proposing changes to the maintenance approach, the Contractor shall use RCM strategy as defined in Paragraph 2.0, Definitions, and in NPR 88.31.2. The Government will consider all proposed changes, even those that reduce the recurring work load (without reducing the lump sum value per Paragraph 1.5, Lump Sum Work) if the result is increased facility availability and reliability. The RCM Report shall provide technical rationale for systems recommendations, and identify risk associated with proposed changes (probability of failure and effect on NASA mission or safety)

2. Contract Element (CLIN 00X1. 0312) RCM Report. The Contractor shall provide a report to the COTR addressing RCM implementation and RCM metrics in accordance with DRD 1197LS-009.
 3. Contract Element (CLIN - 00X1.0304) Reliability Centered Maintenance (RCM) Plan. The Contractor shall prepare a RCM plan and submit it to the Government for approval. The Contractor shall prepare the RCM Plan in accordance with DRD 1197LS-002. This plan shall be developed utilizing the current PM and PT&I program data as shown in Attachments J-24 and J-25, manufacturer's recommendations, the Contractor's knowledge of RCM approaches, and the use of PT&I and best PM practices. All reports and evaluations associated with PM shall include PT&I unless otherwise stated by the Government. After approval, this plan shall become the basis for timeliness and quality evaluations for all PM actions required on this contract. In addition, this plan will become the baseline for any changes to the program as referenced in Paragraph 1.5.D.
 4. Commissioning/Retrocommissioning. The Contractor shall provide support for commissioning and retrocommissioning of systems. This requires tests of systems to verify operation meets design requirements. This work will also include adjustments and repairs as necessary to correct deficiencies. Work shall be accomplished as trouble calls or IDIQ depending on the scope of work required.
- E. Evaluation Period Status Report. The Contractor shall provide summary documentation for the firm fixed price and indefinite delivery indefinite quantity work performed for each evaluation period in accordance with DRD 1197MA-001.
- F. Contract Element (CLIN 00X1.0313) Headquarters (HQ) Metrics. The Contractor shall provide the HQ metrics in accordance with DRD 1197LS-012.

3.3 **IDIQ WORK**

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ Work, and may be ordered for any facility or area at MSFC. IDIQ work shall be completed within the number of days specified on the FWR or DO.

The following CLIN shall be pre-priced in Section B.

Contract Element (CLIN - 00X2.0301) Pre-Flight Facilities Checkout. The Contractor shall provide a report to the COTR that documents evaluation of the integrity of electrical and HVAC systems related to Shuttle launch activities. These electrical and HVAC systems are typically located in Buildings 4207 and 4663. The Contractor shall prepare the Pre-Flight Facilities Checkout Report in accordance with DRD 1197LS-010.

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4.0 TROUBLE CALLS AND TROUBLE CALL SERVICES

4.1 GENERAL REQUIREMENTS

General. The Contractor shall perform all Trouble Calls (TCs) and trouble call services (TCSs) as described herein under the Firm Fixed Price Lump Sum portion of the contract. All Lump Sum work performed under this contract shall comply with Service Contract Act (SCA) labor requirements. Lack of required labor or materials shall not be an acceptable cause for nonperformance of work. Work shall assure safe, reliable, and available facilities and systems. The Contractor shall submit to the COTR or designated representative "red line" drawings showing the "as built" condition for any TC or TCS work that changes a system configuration.

4.2 LUMP SUM WORK

The Contractor shall respond to and correct all trouble calls of which they are notified.

- A. Contract Element (CLIN-00X1.0401) Trouble Calls Definition and Limitations. A TC is defined as an unscheduled request for work of a one-time nature typically issued to correct, repair, or restore a minor structural, mechanical (including plumbing), electrical, or environmental deficiency, requiring little detailed management control, and which is not projected to exceed \$2000 in total labor and material cost (hereafter referred to as the "limit"). The responsibility to perform work under a single TC ends when the Contractor notifies the COTR that the work is estimated to exceed the total limit specified. If the Government decides to proceed with the work, effort expended and costs incurred by the Contractor prior to such notification will be considered part of the IDIQ and will be applied toward any additional IDIQ work, which may result. The IDIQ shall have the same tracking number as the TC in the CMMS. The TC shall not be cancelled or closed but will be redesignated as an IDIQ. The initiator shall be notified in writing (email is acceptable) when a TC is converted to an IDIQ.
- B. Contract Element (CLIN-00X1.0402) Trouble Call Services (TCS) Minor Service Requests. The Contractor shall perform all minor service requests requiring little detailed management control, and which is not projected to exceed \$2,000 in labor and material cost. The responsibility to perform work under a single TCS ends when the Contractor notifies the COTR that the work is estimated to exceed the total limit specified. The Contractor will make an initial estimate of each TCS work scope prior to beginning work to determine if the work may exceed \$2,000. Should the Contractor initially estimate the work to exceed \$2,000, work will not commence and the COTR will be notified that work does not meet TCS limitations. If work is begun as a TCS and work scope changes for any reason that will cause the \$2,000 limit to be exceeded, work will stop until the COTR provides direction to continue work using the IDIQ process identified in contract Paragraph 1.6. In either case the Contractor shall notify the initiator in writing (email is acceptable) that he must submit an IDIQ before work can proceed. If the Government decides to proceed, any effort expended and incurred by the Contractor prior to such notification is considered part of the IDIQ and will be

applied toward any IDIQ work that may result. The IDIQ shall have the same tracking number as the TCS in the CMMS. The TCS shall not be cancelled or closed but will be redesignated as an IDIQ.

- C. Workmanship and Materials. The level of repair provided by the Contractor shall assure that any item included in a TC or TCS is free of missing components or defects which would affect the safety, reliability, availability, pleasing appearance, or habitability of the facilities, or would prevent any structural members, mechanical (including plumbing) systems, or electrical equipment from functioning per the intended design or use. Corrected or repaired work shall be carried to completion, including touch-up painting or operational checks. The quality of work and the repaired areas shall be fully compatible with adjacent surfaces or equipment. All replacement material shall match existing dimensions, capacities, materials, quality of work, finish, color, design, and function, unless otherwise specified. During performance of work, debris shall not be allowed to spread unnecessarily into adjacent areas nor accumulate in the work area itself. All such debris, excess material, and parts shall be removed upon completion of work or at the end of each workday, whichever occurs first. Upon completion of work, unsightly visual appearances such as any visual fingerprints, stains, surface degradations, caused during performance of work shall be removed.
- D. Classification of Trouble Calls and Trouble Call Services. The Contractor shall perform TCs and TCSs to correct deficiencies at various locations of facilities, structures, and utilities that are a part of MSFC. All TCs and TCSs are classified as follows:
1. Emergency Calls. Emergency calls are issued for situations that require immediate action to eliminate hazards to personnel, equipment, or environment, prevent loss of or damage to Government property, or to restore essential services that have been interrupted by an unplanned event. The Contractor response time shall be within fifteen (15) minutes following notification. The Contractor shall stabilize the situation assuring the emergency will not recur. If further labor and material are required to complete the repair once the emergency is arrested, completion shall be within five working days following notification of the emergency call unless stated otherwise within the technical portion of this specification. If the TC limit is reached during corrective operations, the Contractor shall immediately notify the COTR and continue work up to the point at which the emergency is arrested by stabilizing the situation to eliminate personnel hazards and further damage to Government property. Costs incurred to stabilize the emergency condition which exceed the TC limit will be reimbursed at the T&M coefficient. The Contractor shall provide a detailed breakdown of such costs for Government approval and payment. Remaining emergency work if required to complete the TC or additional work exceeding the TC limit shall be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work.
 2. Urgent Calls. Urgent calls are issued for situations which do not immediately endanger personnel or threaten to damage property or the environment, but

would soon inconvenience and affect the health or well being of personnel or disrupt operational missions or projects. The Contractor response time to urgent TCs shall be within two (2) hours following notification of the call for both core and non-core working hours. All urgent calls must be completed within five working days following notification of the call. If the TC limit is reached during corrective operations, the Contractor shall immediately notify the COTR and continue work up to the point at which the urgency is arrested. Costs incurred to stabilize the urgent condition that exceed the TC limit will be reimbursed at the T&M coefficient. The Contractor shall provide a detailed breakdown of such costs for Government approval and payment. Remaining urgent work if required to complete the TC or additional work exceeding the TC limit shall be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work.

3. Routine Calls. Routine calls are for all other calls that do not qualify as emergency or urgent call. The Contractor shall complete routine calls within fifteen working days following notification, unless specified otherwise when issued. Occasionally, the COTR will state specific dates or times for routine TC accomplishment, such as locating utility lines, pavement cutting, providing special maintenance support for other contractors, and other atypical items of work. Should the Contractor determine that work initiated as a routine TC will exceed the TC limit the Contractor shall return the documentation to the COTR along with a preliminary estimate for the remaining work per Paragraph 1.6, IDIQ Work, within one (1) working day of stopping work. However, the Contractor shall not leave the work in an unusable condition, any unsafe condition, any condition that creates a security violation, or any condition that may cause further damage or destruction. Remaining routine work exceeding the TC limit shall be accomplished at the Government's discretion by execution of a FWR or DO.

E. Processing Trouble Calls

1. Notification Procedures. Notification of new work shall be in accordance with Paragraph 3.2.B, Work Control.
2. Trouble Call and Trouble Call Service Documentation. TC and TCS documentation is electronic. The Contractor shall enter all documentation into the CMMS using the MAXIMO and @Hand software and wireless PDA's. For work outside the TC or TCS scope, the call shall be logged and documented in accordance with 3.2.B, Work Control. Calls shall be combined for items that are duplicated, received the same day for the same problem or worked the same day for the same problem, or items that are related to the same system located in the same general area and shall only be conducted as one (1) TC or TCS. Examples of combining work include, but are not limited to, relamping a number of rooms of the same floor of a building on the same day, unstopping a sink and a commode in the same restroom on the same day, and installing locks on a number of doors on the same floor on the same day. The Contractor shall maintain all records in a computer database on a daily basis for easy

accessibility by the Government. The Contractor shall ensure that all information has been entered in the CMMS.

- F. Work Status and Performance. The Contractor shall respond to questions within one (1) hour of receipt from the COTR as to the status of any TC or TCS work. The Contractor shall notify the TC requester by telephone, electronic mail, or fax of the work status within two working days from initial receipt for all emergency and urgent calls, and then shall notify the TC requester upon completion of TCs. The Contractor shall manage and update the CMMS in a manner that current TC or TCS work status shall be provided on demand. The Contractor shall be required to maintain sufficient quantities of materials on hand or have available an immediate source of supply to support TC work. Lack of such materials shall not be considered an acceptable cause for non-performance. Lack of planning shall not be considered acceptable for late performance. The Contractor shall repair any incidental and related damage as a result of the initial service being performed. For example, if the TC is to repair a roof leak, the Contractor shall replace any ceiling tiles or repair other related items damaged as a result of the leaking roof within the scope and limit of the particular TC. All work exceeding the TC limit shall be accomplished at the Government's discretion by execution of a FWR or DO.
- G. Timeliness Deduction. Timeliness for a TC or TCS is based on the work classification of emergency, urgent, or routine. However, the timeliness deduction will be increased in direct relation to completion time exceeding the original completion date unless the Contractor provides sufficient justification for this increase. The increased deduction shall be based on multiples of the original performance time beginning with double. The maximum deduction cannot exceed the total value of the trouble call. For example, should routine work not be completed for thirty-five working days, the timeliness deduction would be double the value determined in DRD 1197MA-001 for that TC or TCS. Deductions are not to be confused with not meeting the Acceptable Quality Level (AQL). If the contractor fails to meet the AQL, it indicates the Contractor's quality control is unsatisfactory.

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5.0 **SYSTEMS ENGINEERING**

Contract Element (CLIN-00X1.0501) Systems Engineering. The Contractor shall provide a well staffed and skilled engineering group to oversee and guide the work to be performed under this contract. The Government will do all design engineering. The Contractor shall not perform design engineering. System Engineers shall be provided for electrical, mechanical HVAC and civil/structural systems. Engineers shall possess a Bachelor of Science degree from an accredited engineering school in mechanical, electrical or civil/structural engineering and have a minimum of three years experience in the area of the systems assigned. Systems Engineers shall be able to communicate effectively across a broad range of organizational levels, including managerial, supervisory, technical, and crafts personnel. Systems Engineers shall be capable of making effective technical and managerial decisions in regard to the operation and maintenance of their assigned system(s), and shall be knowledgeable regarding industry practices, tools, shops and training. They will perform all the responsibilities of System Engineers including but not limited to:

- Act as technical expert and manager over system(s) including maintaining a broad knowledge of related work issues, such as environmental and safety requirements, systems integration, monitoring and metering concepts.
- Maintain state-of-the-art technical expertise in assigned systems; maintain knowledge of current trends in industry through review of technical publications, attendance of trade shows, manufacturer product briefings and literature, and other continuing education methods.
- Review and correct CMMS equipment information.
- Ensure that all Maintenance work complies with configuration control requirements and provide documentation of configuration changes.
- Brief and keep NASA Technical Monitor(s) updated on system(s) status and key events
- Assist in the troubleshooting and resolution of system problems.
- Develop scope, work statements, specifications and packages for procurement of outsource technical consulting, operation/repair, or other services.
- Monitor equipment and system performance and initiate actions to resolve operational deficiencies, improve performance, increase reliability and improve energy efficiency.
- Monitor the effectiveness of the PM and PT&I programs and recommend improvements
- Review all facility Design Criteria Statements and design drawings, provide comments, and participate in related design review meetings
- Determine and recommend to the Government the disposition of failed equipment, for example, repair or replace.
- Perform Facility Condition Assessments and prepare the Facility Condition Assessment Schedule and Reports (DRD 1197LS-006) and Facility Condition Assessment Project Recommendation Report (DRD 1197LS-008)
- Provide guidance to the craft personnel to ensure sound engineering practices are followed in all work

- Ensure that all applicable codes, standards, and other requirements are met in the performance of work
- Review all data collected for the Pre Flight Facilities Checkout Report (DRD 1197LS-010) and disposition all exceptions that are outside recommended operating limits.
- Provide specifications for replacement equipment when not specified by design
- Provide assistance to the RCM Engineer in the area of their expertise.
- Attend construction inspections and submit findings to the Construction Inspector.
- Provide field engineering support to technicians.

The contractor shall provide a Lifting Devices Engineer, whose primary responsibility will be to monitor and direct all maintenance, repair, modification, installation, and certification of lifting equipment, including but not limited to cranes, hoists, derricks, and elevators. The Lifting Devices Engineer shall be highly qualified in control systems used on lifting equipment. The contractor shall also have on staff engineers of other disciplines required to support the Lifting Devices Engineer in areas outside his major discipline. The LDE shall review all lifting procedures required for work under this contract. The LDE shall review the Annual Crane and Hoist Inspection Report (DRD 1197LS-013), the Annual Elevator Inspection Report (DRD 1197LS-014), and the Five Year Elevator Inspection Report (DRD 1197LS-015) prior to submission to the Government and shall ensure all discrepancies are corrected.

The contractor shall provide a full time RCM Engineer whose primary responsibility will be to lead and direct the implementation of the RCM program. Specific duties of the RCM Engineer shall include but not be limited to:

- Review PT&I data to identify impending equipment failures
- Investigate all equipment failures and determine the actions necessary to prevent or mitigate similar future failures
- Investigate multiple failures on individual pieces of equipment and perform root cause failure analyses.
- Review the PM Plan and make recommendations for continuous improvement based upon equipment history, PT&I data and industry practice
- Monitor current industry state of the art in PT&I and PM practices and recommend changes to the current PM Plan based on emerging technologies
- Prepare the Reliability Centered Maintenance Report (DRD 1197LS-009)
- Monitor equipment and system performance and initiate actions to resolve operational deficiencies, improve performance and increase reliability.
- Monitor the effectiveness of the PM and PT&I programs and recommend improvements
- Review CMMS and PT&I data to identify key areas for improvement in maintenance programs to optimize quality and timeliness of service and system reliability.

6.0 ENVIRONMENTAL MANAGEMENT SUPPORT

6.1 GENERAL REQUIREMENTS

- A. Spill Response. The Contractor shall provide labor, supervision, tools, materials, equipment, and transportation necessary to provide spill response capabilities for petroleum products, toxic, and hazardous and controlled chemical spills at MSFC, including providing containment, cleanup, and treatment of all types of spill emergencies. The Contractor shall be the secondary responder to Redstone Arsenal Fire Department (primary responder). After the Redstone Arsenal Fire Department leaves the scene, the Contractor shall assume the primary responder role.
- B. Asbestos and Lead Management. The Contractor shall provide labor, supervision, tools, materials, equipment, and transportation necessary to provide asbestos and lead management and compliance. The Contractor's asbestos and lead abatement is limited to maintenance within the Service Contract Act.

6.2 LUMP SUM WORK

The following contract elements shall be performed per the Performance Requirements Summary (PRS), Section E.9, and the Performance criteria listed within the contract requirements.

- A. Spill Response
 - 1. Contract Element (CLIN - 00X1.0601) Establish Spill Response Team. The Contractor shall continuously provide sufficient, adequately trained personnel to support and accomplish spill response 24 hours a day, 7 days a week. Initial training is the responsibility of the Contractor. Annual refresher training is provided by the Government onsite at no cost.
 - 2. Contract Element (CLIN - 00X1.0602) Response to Spills and Releases. The Contractor shall respond upon notification to all spills and release of regulated wastes and materials in accordance with the AS10-OWI-001, "MSFC Consolidated Environmental Response Plan, MSFC Emergency Plan (MPR 1040.3), and all Federal, state, and local environmental laws and regulations (latest edition). The Contractor shall respond to all spills after notification within fifteen (15) minutes for core work hours and one hour for non-core work hours and shall work continuously to contain and clean up the spill and package the material. The Contractor shall not leave the site until all work is completed or the Contractor is released by the Environmental Engineering and Occupational Health Office or lead NASA person. This includes, but is not limited to, the following: dispatching personnel and equipment; securing and containing spilled materials under the direction of the Redstone Fire Department and/or Environmental personnel; cleanup and removal of spilled material and contamination; disposal of material generated during cleanup (wastes generated shall be managed in accordance with MWI 8550.1, Waste Management); and decontamination of personnel, equipment, and all property

affected by the spilled material. The Contractor shall handle all spill response activities as an Emergency Trouble Call (TC) as defined in Paragraph 4.2 up to the TC limit. (Note: Because of reporting requirements, environmental TC's shall be priced and accounted for separately from the rest of the TC's in this contract.) Additional spill response activities beyond the TC limit shall be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work, Spill Response and Cleanup. (Any spills created by the Contractor due to poor or improper operations shall not be included in this total and will be paid for by the Contractor.)

3. Contract Element (CLIN - 00X1.0603) Spill Equipment and Supplies. The Contractor shall continuously provide and maintain an adequate supply of materials necessary for spill response activities. An itemized inventory of all spills response equipment and materials kept in stock shall be maintained at all times. Required reference materials shall be maintained as part of the inventory (for example, guidebooks, blank forms, chemical reference manuals.) After a spill response, the Contractor shall restock equipment and supplies within three (3) days.
- B. Asbestos and Lead Management Contract Element (CLIN - 00X1.0604) Asbestos and Lead Abatement Records. The Contractor shall maintain asbestos and lead abatement records in an electronic database on a continuous basis. Abatement records shall be added within seven (7) days of abatement completion.

6.3 **DOCUMENTATION AND REPORTING REQUIREMENTS**

A. Spill Response Reports

1. Contract Element (CLIN - 00X1.0605) Spill Response Team, Equipment and Supplies Listing. The Contractor shall provide the spill response team, equipment and supplies listing in accordance with DRD 1197EE-003.

B. Asbestos and Lead Management

1. Contract Element (CLIN - 00X1.0606) Asbestos Management Program. The Contractor shall establish and implement an Asbestos Program in accordance with all applicable Federal, state, and local laws and regulations, NASA policies and management directives. The Contractor shall prepare an Asbestos Control Manual in accordance with DRD 1197EE-001 and ensure that subcontractors follow this plan. The Contractor shall ensure that employees have the appropriate credential/certifications to perform asbestos abatement.
2. Contract Element (CLIN - 00X1.0607) Lead Program. The Contractor shall establish and implement a Lead Program to minimize worker and employee exposure and minimize releases to the environment during the abatement, removal, or disturbance of paints and materials containing lead or other regulated heavy metals. The Contractor shall ensure that employees have the

appropriate credential/certifications to perform lead abatement. The Contractor shall prepare a Lead Program Plan in accordance with DRD 1197EE-002.

3. Contract Element (CLIN - 00X1.0608) Asbestos and Lead Monthly Report. The Contractor shall prepare a monthly asbestos and lead report in accordance with DRD 1197EE-005.

- C. Hazardous Waste Disposal. The Contractor Shall dispose of hazardous waste in accordance with MWI 8550.1.

6.4 **IDIQ WORK**

IDIQ work shall be ordered in accordance with Paragraph 1.6, IDIQ work, and completed within the number of calendar or work days specified in the IDIQ FWR or DO. For subcontracted services, if the estimated or proposed subcontract price exceeds \$2,500, the Contractor shall provide competitive subcontractor quotes to support the proposed price unless otherwise directed by the Environmental Engineering and Management Office.

- A. Spill Response and Cleanup. Includes all spill response and cleanup actions that exceed the Lump Sum per spill event identified in Paragraph 6.2, Lump Sum. Initial spill response is included in the Lump Sum portion of the contract. The Contractor shall handle spill response activities as defined in Paragraph 1.6, IDIQ Work.
- B. Technical Support. The Contractor shall provide technical support as required in the FWR or DO.

6.5 **DETAILED SPECIFICATIONS**

- A. Environmental Protection. The Contractor shall comply with all environmental directives, instructions, policies, and regulations and any revisions, updates, or successor documents as listed in Attachment J-26.
- B. Debris Disposal. Any debris the Contractor needs to dispose of, except for hazardous and controlled waste, shall be disposed of at the Redstone Arsenal Solid Waste Management Area (SWMA), the City of Huntsville Incinerator, or City of Huntsville Landfill. Disposal of debris or special waste at the SWMA will be in accordance with the MWI 8550.1.
 1. SWMA Guidelines. The following are guidelines for hauling and dumping of INERT material at the Redstone Arsenal SWMA.
 - a. All trees and tree debris, stumps, and yard waste shall be separated from other inert materials
 - b. Separate all construction debris from dirt and rock. Dirt (spoil material) from construction and maintenance activities is acceptable for disposal.

- c. Separate all salable/reusable scrap lumber from construction debris.
 - d. Separate all salable/reusable metal from construction debris. Scrap metal including aluminum, copper, and metal shavings are not acceptable item for disposal at the SWMA.
 - e. Materials containing asbestos will be accepted only if it is in compliance with (OSHA/NESHAPS/ADEM) regulatory requirements.
 - f. Garbage will not be accepted including food and food containers, drink cans and bottles, milk cartons, food wrappers, paper plates, napkins, lunch bags, and scrap. Mixed loads containing garbage will require separation by the generator and the proper disposal method used.
 - g. Liquids of any type are unacceptable.
 - h. Ammunitions and explosive type materials are unacceptable.
 - i. Hazardous material and waste are unacceptable.
 - j. Containers of one gallon or larger that contains material such as, paint solvents, or similar material are unacceptable.
 - k. Empty drums of 5 gallons or larger in good condition are unacceptable.
 - l. Empty drums of 5 gallons or larger in poor condition shall be flattened prior to disposal.
 - m. A Manifest of Material Delivered to the Redstone Arsenal Solid Waste Management Area, Form ASMI-RA 2435 shall be required for each load received at the SWMA.
 - n. Special Waste other than asbestos will not be accepted.
 - o. The SWMA operator shall randomly inspect loads with refuse material that does not comply with regulations and procedures.
2. Other Debris. Debris that is unacceptable at the SWMA will be collected in trash bins located at MSFC for incineration at the City of Huntsville Incinerator other than hazardous and controlled waste and recyclable items such as metal, aluminum cans and white paper.

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7.0 FACILITY ALARM AND MONITORING SYSTEMS

7.1 GENERAL REQUIREMENTS

The Contractor shall provide all labor, supervision, tools, material, equipment, incidental engineering, and transportation to operate, maintain, and repair the alarm systems and monitoring equipment identified in this paragraph. Emergency conditions require immediate action to (1) prevent loss of or damage to MSFC property, (2) to restore essential services that have been disrupted, or (3) to eliminate hazards to personnel or equipment.

7.2 LUMP SUM WORK

The following contract elements shall be performed per the Performance Requirements Summary (PRS), Section E.9, and the performance criteria listed within the contract requirement:

- A. Contract Element (Include in CLIN - 00X1.0401) Trouble Calls (TC). The Contractor shall perform all TCs related to this paragraph per 4.0. Trouble Calls. The maintenance criteria for equipment and systems in this paragraph shall comply with availability requirements stated in Attachment J-10. The Contractor shall respond to fire and gas alarms as critical alarms and shall respond to maintenance alarms as urgent work. Maintenance alarms may be reclassified as routine work after it has been determined there is no immediate danger to personnel, equipment, or the environment.
- B. Contract Element (CLIN - 00X1.0701) Fire Alarm System PM. The Contractor shall perform PM in order to maintain system integrity on all fire alarm systems that include, but are not limited to, fire transmitters and various fire panels as listed in Attachment J-13.
- C. Contract Element (CLIN - 00X1.0702) Gas Detection System PM. The Contractor shall perform PM in order to maintain system integrity on all gas detection systems listed in Attachment J-14.
- D. Contract Element (CLIN 00X1.0703) Fire Alarm System Operations. The Contractor shall operate, maintain, and repair all MSFC fire alarm systems, including, but not be limited to, those listed in Attachment J-13 continuously, 365 days per year, 24 hours a day, 7 days a week. Operation and maintenance shall include, but not be limited to, disabling alarms and panels to prevent inadvertent activation while other personnel are working in an area, enabling alarms and panels after personnel have performed work that might inadvertently activate alarms, maintaining prescribed sensitivity limits in accordance with manufacturer recommendations, restoring power and resetting alarms and panels after planned or unplanned outages, resetting breakers, responding to activated alarms, maintaining panels, replacing batteries, supporting fire drills, and reprogramming systems. The work shall also include repair. Maintenance timeliness shall be the same as for trouble calls. The Contractor's repair liability for servicing equipment and system

components is limited to \$2000 per system, per occurrence. The Contractor shall not classify response to fire alarms as trouble calls. The Contractor shall respond to emergency situations with correct repair so that system integrity is maintained and personnel safety is not compromised. Work shall conform to Federal and State Codes, EPA standards, NFPA and OSHA regulations. All alarms, detectors, batteries, panels, conduit, fittings, wiring, hangers, structural supports and touch-up painting are included.

- E. Contract Element (CLIN OOX 1.0704) Gas Detection System Operations. The Contractor shall operate, maintain, and repair all MSFC gas detection systems, including but not be limited to those listed in Attachment J-14, continuously, 365 days per year, 24 hours a day, 7 days a week. Operation and maintenance shall include, but not be limited to, disabling alarms to prevent inadvertent activation while other personnel are working in an area, enabling alarms systems after personnel have performed work that might inadvertently activate alarms, restoring power and resetting alarms after planned or unplanned outages, resetting breakers, responding to activated alarms, replacing batteries, maintaining prescribed sensitivity limits in accordance with manufacturer recommendations, replacing cells and detectors, replacing and adjusting monitors, and adding cell fluid. The work shall also include repair. Maintenance timeliness shall be the same as for trouble calls. The Contractor's repair liability for servicing equipment and system components is limited to \$2000 per system, per occurrence. The Contractor shall not classify response to gas detection as trouble calls. The Contractor shall respond to emergency situations and follow the appropriate procedures to notify the proper NASA organizations of the potential safety hazard and provide support to these organizations when required so personnel safety is not compromised for personnel required to work in the affected work areas. Work shall be performed to Federal and State Codes, EPA standards, and OSHA regulations. All alarms, cells, monitors, detectors, batteries, panels, conduit, fittings, wiring, hangers, structural supports and touch-up painting are included. These systems are typically found in controlled areas operated by other Contractors, but that does not negate the Contractor's responsibility to arrest the situation and inform the appropriate area custodian. Regardless extreme caution and safety must be adhered to when dealing with these life safety systems and working in these hazardous environments. The Contractor is not expected to take unreasonable risks that would otherwise put any personnel in harms way, to secure any situation.

7.3 DOCUMENTATION AND REPORTING REQUIREMENTS

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See

Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.

7.4 **IDIQ WORK**

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ, and completed within the number of calendar or work days specified in the FWR or DO. Each of the following CLINs shall be pre-priced in Section B. All components specified below by part number shall be supplied unless substituted by an approved equal. All components/assemblies described below shall be priced based on an average wire and conduit length of 100 feet. Wire and conduit for components shall be routed in an efficient manner to the nearest UCS Control Panel or as directed by the Government. The Contractor is responsible for the termination of wire at the device end. Termination of wire at the UCS Control Panel is by others. The Contractor is responsible for termination of conduit at the device end and at the UCS Control Panel. The Contractor shall work jointly with the UCS Contractor to conduct a complete operational checkout of installed components/assemblies before installation of components/assemblies is considered complete.

- A. Contract Element (CLIN 0002.0701) Provide and Install New Duct Temperature. The Contractor shall provide and install new duct temperature sensor based on 48 inch (length may vary) Minco Probe, Rigid, Averaging -50 to 275 Deg.F. Part # S456PEY48/TT111PE1AI.
- B. Contract Element (CLIN 0002.0702) Provide and Install New Liquid Temperature Sensor. The Contractor shall provide and install (including thermowell installation) new Liquid Temperature Sensor Minco Immersion Assembly -50 to 275 Deg.F. Part # AS5140PD(U)Y1AIN211A1 ("U" specifies length of probe).
- C. Contract Element (CLIN 0002.0703) Provide and install new Room Temperature Sensor. The Contractor shall provide and install new room temperature sensor Minco Wall-Mount Temp Assembly -32 to 122 Deg. F. Part # S473PDY4K1/TT115PD1N.
- D. Contract Element (CLIN 0002.0704) Provide and install new Room Temperature/Relative Humidity Sensor. The Contractor shall provide and install new room temperature/relative humidity sensor GE Wall-Mount Temp/RH Assembly 32 to 122 Deg.F/0 to 100 %RH. Part # P40250111.
- E. Contract Element (CLIN 0002.0705) Provide and Install Control and Status to Constant Volume AHU. The Contractor shall provide and install control and status to constant volume AHU. Control shall be based on API SPDT, Multivoltage Relay with Enclosure Part # MR-101/C. Status shall be based on Dwyer Low Differential Air Pressure Switch Part # 1910-0.
- F. Contract Element (CLIN 0002.0706) Provide and Install New Liquid Pressure Sensor. The Contractor shall provide and install (including all necessary mechanical

components) new liquid pressure sensor Setra Differential Pressure Transmitter. Part #M230-xxxx-C (“xxxx” indicates specified range to be specified in IDIQ).

- G. Contract Element (CLIN 0002.0707) Provide and Install Control and Status to Constant Volume Pump. The Contractor shall provide and install control and status (including all necessary mechanical components) to constant volume pump. Control shall be based on API SPDT, Multivoltage Relay with Enclosure Part # MR-101/C. Status shall be based on JCI Liquid Differential Pressure Switch Part #P74FA-5.

7.5 **DETAILED SPECIFICATIONS**

- A. Equipment Failure. The Contractor shall maintain all equipment in optimum operating condition. All equipment shall be operational, functional, and ready to respond to any alarm situation according to its’ design purpose and intent 100 percent of the time except for scheduled or planned outages.

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8.0 UTILITIES AND SURFACED AREAS

8.1 GENERAL REQUIREMENTS

- A. General. The Contractor shall provide all labor, supervision, materials, tools, equipment, transportation, and management necessary to provide maintenance and repair to the utility systems, associated mechanical equipment, and surfaced areas at MSFC. New fire suppression systems that are different from those identified may be installed at MSFC. The Contractor shall include those systems into the work scope so as to meet all code related requirements related to maintenance and testing. The work includes, but is not limited to, removing debris from earth drainage ditches and drainage structures such as culverts, manholes, drop inlets, catch basins, gutters, piping, and open ditches and swales; minor repair of underground utility systems; grading of earth, replacement of disturbed landscaping and lawn sprinkler systems; soil-aggregate roadways and shoulders; crack sealing; cutout of pavement for utility repairs; temporary and permanent patching of sections of bituminous (flexible) and concrete (rigid) pavements; and pavement marking and snow and ice removal. The Contractor shall initiate contact with the COTR if the weather forecast projects a 60 percent or greater possibility of snow or ice accumulation. The Contractor shall prepare for and perform snow and ice removal from bridges, roads, parking lots, walks, ramps, steps, and other surfaced areas at MSFC when issued a FWR. Work shall be performed and comply with the appropriate directives, manuals, and instructions listed in Attachment J-26.
- B. Drawings. All drawings and utility maps applicable to this paragraph are available from the Government and identify locations of all known underground utility systems, ditches, roadways, and drainage structures. The Contractor shall check all drawings furnished to them immediately upon receipt and shall promptly notify the COTR of any discrepancies. The Contractor shall compare all drawings and field verify the maintenance areas and contract quantities before laying out the work and shall be responsible for any errors which may have been avoided otherwise.
- C. Code Requirements. The Contractor shall follow all Federal, state, and local codes and standards while maintaining, repairing, or replacing any utility system at MSFC.

8.2 LUMP SUM WORK

The Contractor shall perform the following contract elements per the Performance Requirements Summary (PRS), Section E.9, at frequencies or performance criteria specified within the contract requirement:

- A. Contract Element (Include in CLIN - 00X1.0401) Trouble Calls (TC)
1. Pavement Cutting and Patching. When issued, sections of bituminous and concrete pavements at specified locations shall be cut out to permit utility repairs. Within one (1) working day following the utility repair, the cut out

area shall be backfilled with material similar to the adjacent undisturbed material, compacted to a similar density, and temporarily patched as specified in Paragraph 8.4.B, Temporary Pavement Patching. The Government will grant extension times for completion if the Contractor chooses to apply a more permanent patch as specified in Paragraph 8.4.C, Bituminous Pavement Patching or Paragraph 8.4.D, Concrete Pavement Patching. Any landscaped areas or pavement markings damaged as a result of this work shall be restored to their original condition.

2. Water Main and Natural Gas Leak. When issuing a TC for a water main or natural gas leak, the TC shall be classified as an emergency TC according to Paragraph 4.2, Trouble Calls.
 3. Sanitary and Storm Sewer Stoppages. TCs for this work shall be considered urgent. When issued a TC for a sanitary or storm sewer stoppage, in addition to requirements defined in 4.2, the Contractor shall clean the stoppage as follows. During core working hours, the line shall be cleared within a four (4) hour period from initial notification including clean-up of any spillage. During non-core working hours, response, blockage removed, and line restored to normal shall occur within eight (8) hours. The Contractor shall use an approved disinfectant when applicable.
 4. Fire Sprinkler System Mechanical Malfunctions. TCs for this work shall be considered urgent. When issued a TC for this work, in addition to requirements defined in 4.2, the Contractor shall repair fire sprinkler systems as follows. During core working hours, repairs shall be accomplished within an eight (8) hour period and system restored to normal operating condition per proper automatic fire sprinkler system procedures. During non-core working hours, repairs shall be accomplished within the next core working day in compliance with the directive for repairs during core working hours.
 5. Water Meters. The Contractor shall maintain all water meters in a proper working order. Any meter that is inoperable or indicating false readings shall be repaired or replaced within five working days when first noticed upon inspection or notification by the Government.
- B. Contract Element (CLIN - 00X1.0801) Fire Suppression Wet Pipe System PM. The Contractor shall perform PM on all fire suppression wet pipe systems included in Attachment J-15 per NFPA 13 and NFPA 25. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
 - C. Contract Element (CLIN - 00X1.0802) Fire Suppression Pre-action System PM. The Contractor shall perform PM on all fire suppression pre-action systems listed in Attachment J-15 per NFPA 13 and NFPA 25. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
 - D. Contract Element. (CLIN - 00X1.0803) Fire Suppression Dry System PM. The Contractor shall perform PM on all fire suppression dry systems included in

Attachment J-15 per NFPA 13 and NFPA, 25. All PM activities shall be accomplished in compliance with the Contractor's PM plan.

- E. Contract Element (CLIN - 00X1.0804) Fire Suppression Foam System PM. The Contractor shall perform PM on all fire suppression foam systems included in Attachment J-15 per NFPA 11. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- F. Contract Element (CLIN - 00X1.0805) Fire Suppression Dry Chemical PM. The Contractor shall perform PM on all fire suppression dry chemical systems included in Attachment J-15 per NFPA 17. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- G. Contract Element (CLIN - 00X1.0806) Emergency Shower/Eyewash Station Monthly PM. The Contractor shall perform PM on all fixed emergency shower/eyewash stations listed in Attachment J-16 per the ANSI Z358.1 for eyewash and safety showers.
- H. Contract Element (CLIN - 00X1.0807) Sump and Sewer Pump PM. The Contractor shall perform PM on all sump pumps included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- I. Contract Element (CLIN - 00X1.0808) Storm Drainage System PM. The Contractor shall keep all culverts, pipes, catch basins and drop inlets free of debris and sediments from the surface of and up to 15 feet beyond openings of such drainage structures. All ditches and swales bordering and traversing MSFC shall be kept free of all debris and sediments restricting the flow of water. All debris and sediment shall be disposed of in accordance with Paragraph 6.0. Environmental Management Support. Some of these areas are classified as wetlands and shall be managed per applicable Federal, state, and local laws and regulations. These efforts shall be coordinated with NASA, Environmental Engineering and Management Office. All PM activities listed in Attachment J-24 shall be accomplished in compliance with the Contractor's PM plan.
- J. Contract Element (CLIN - 00X1.0809) Surfaced Areas Sweeping: Streets and Parking Lots. The Contractor shall maintain all streets at MSFC free of all debris to the curb or shoulder of the roadway. Debris shall be removed as required to provide a clean sweep. All street sweeping shall be performed during non-core work hours to minimize any disruption to the resident working population, and barricades shall be used to restrict traffic as needed. The Contractor shall sweep all parking lots and other areas as identified, to eliminate standing dirt and obstacles, so as to maintain all painted markings and designations visible and legible, and to remove all hazards to foot traffic, particularly at steps and curbs. All lots shall be swept during non-core work hours, and shall be barricaded to restrict parking and traffic during the sweeping operation. Debris shall not be swept into storm drains, nor left in piles. The Contractor shall submit a schedule for routine street and parking lot sweeping within fifteen days of the contract start date. That schedule shall be the basis for timeliness associated with this contract element.

- K. Contract Element (CLIN - 00X1.0810) Fire Pump PM. The Contractor shall perform PM on all fire pumps included in Attachment J-15 per NFPA 25. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- L. Contract Element (CLIN – 00X1.0811) Standpipe PM. The Contractor shall perform PM on all standpipe included in Attachment J-15 per NFPA 25. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- M. Contract Element (CLIN – 00X1.0812) CO2 PM. The Contractor shall perform PM on all CO2 systems included in Attachment J-15 per NFPA 12. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- N. Contract Element (CLIN – 00X1.0813) Wet Chemical PM. The Contractor shall perform PM on all wet chemical systems included in Attachment J-15 per NFPA 17A. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- O. Contract Element (CLIN - 00X1.0814) Miscellaneous Pump PM. The Contractor shall perform PM on all miscellaneous pumps not included in other contract elements but are included in Attachment J-6. Pumps in this classification include, but are not limited to, potable water, hydraulic, lawn sprinkler. All PM activities shall be accomplished in compliance with the Contractor's PM plan.

8.3 **DOCUMENTATION AND REPORTING REQUIREMENTS**

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.
- C. Contract Element (CLIN - 00X 1.0815) Automatic Fire Sprinkler System Quarterly Inspection Report. The Contractor shall submit a quarterly automatic fire sprinkler system inspection report to the COTR to demonstrate acceptable operational status of the automatic fire sprinkler systems in accordance with DRD 1197LS-007.

8.4 **IDIQ WORK**

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ Work and completed within the number of calendar or workdays specified in the FWR or DO.

- A. Pavement Crack Sealing. The Contractor shall seal cracks and joints 1/8-inch or wider in surfaced areas by cleaning out at ordered locations with mechanical routing and compressed air to remove debris and loose particles, and seal with sealant under dry conditions.
- B. Temporary Pavement Patching. Potholes and depressions in bituminous and concrete pavements at ordered locations shall be temporarily patched by the Contractor with bituminous cold mix or hot mix. The area to be patched shall be cleaned of any loose material or soil, leveled, filled under dry conditions with bituminous material, and compacted using a hand tamp, weighted roller, or loaded truck wheels. The final compacted surface of the patched area shall be approximately level with the adjacent pavement surface.
- C. Bituminous Pavement Patching. The Contractor shall perform bituminous pavement repairs. All work shall be in compliance with the Asphalt Institute MS. 16 and the MSFC Technical Specifications for Repair and Construction (TSRC).
- D. Concrete Pavement Patching. The Contractor shall provide concrete pavement repair. All work shall be in compliance with the American Concrete Institute Manual of Concrete Practice (Latest Edition) and TSRC.
- E. Pavement Stripping Marking. The Contractor shall place pavement striping and markings. All material shall conform to TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition). Color and configuration shall be as follows:
 - 1. Roadway Striping. Furnish and apply white or yellow reflectory roadway traffic striping at ordered locations, four (4) inches in width.
 - 2. Parking Lot Striping. Furnish and apply white non-reflectory parking lot striping at ordered locations, four (4) inches in width.
 - 3. Pavement Crosswalks. Crosswalks shall have signs designating their location.
 - 4. Pavement Stop Bars. Furnish and apply white reflectory pavement stop bars at ordered locations, 12 inches in width extending the full width of, and perpendicular to, the traffic lane. When used in conjunction with a stop sign, the stop bar shall be applied in line with the stop sign unless otherwise requested by the COTR.
 - 5. Traffic Letters and Numbers. Furnish and apply white non-reflectory pavement traffic numbers and letters at ordered locations, 18 inches in height.
 - 6. Handicap Symbols. Furnish and apply blue non-reflectory pavement handicap symbols at ordered locations in compliance with the Americans with Disabilities Act (ADA).

7. Parking Stall Letters. Furnish and apply white non-reflectory parking stall letters at ordered locations, 1/2-inch in width.
- F. Underground Fire Sprinkler Piping System. Underground fire sprinkler mains at ordered locations shall be replaced with new pipe of the same size. All piping shall be designed for fire sprinkler mains with 150 pounds working pressure.
- G. Underground Industrial Sewer Piping System. Underground industrial sewer piping at ordered locations shall be replaced with new pipe of the same size.
- H. Underground Industrial Storm Drain Piping System. Underground industrial storm drain piping at ordered locations shall be replaced with new pipe of the same size.
- I. Underground Storm Drain Manholes. Underground sanitary storm sewer manholes at ordered locations shall be replaced with a new manhole of the same size and style as existing manhole to be replaced.
- J. Snow and Ice Removal. Remove snow and ice from areas as prioritized in Attachment J-17. Snow and ice removal shall commence within three (3) hours of initial accumulation but not before COTR approval. Removal shall be completed for all Priority 1 locations within four (4) hours of commencing at any single Priority 1 location. Likewise, removal shall be completed at Priority 2 and 3 locations within four (4) hours of commencing at any single Priority 2 or 3 locations respectively. Priorities may be changed at any time by the COTR.

8.5 **DETAILED SPECIFICATIONS**

A. Pavement Marking

1. Materials and Equipment. Paints for roads and streets shall conform to TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition). All paints shall meet the requirements of the MSFC Pollution Prevention Plan for low VOC paint.
2. Application
 - a. Surface Preparation. In compliance with the TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition).
 - b. Painting. In compliance with TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition).
 - (1) Reflective Marking Rates. In compliance with the TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition).

- (2) Non-reflective Marking Rates. In compliance with the TSRC and the State of Alabama Highway Department, Standard Specification for Highway Construction (latest edition).
- B. Debris Disposal. The Contractor shall be in compliance with MSFC Environmental Engineering and Occupational Health Office requirements for disposal of debris resulting from drainage system cleaning, pavement cutting, and patching.

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9.0 REPAIR BUILDINGS & STRUCTURES**9.1 GENERAL REQUIREMENTS**

The Contractor shall provide all labor, management, supervision, tools, materials, equipment, incidental engineering, and transportation to perform maintenance, repair, alterations, and inspections on buildings, structures, and equipment at MSFC. This shall also include pest control both inside and outside of buildings and structures. The work shall be performed as Lump Sum and IDIQ work items.

9.2 LUMP SUM WORK

The following Contract Requirements shall be performed per the Performance Requirements Summary (PRS) Section E.9, at the frequencies or performance criteria specified within the contract requirement:

A. Contract Element (Include in CLIN - 00X1.0401) Trouble Calls (TC)

1. The Contractor shall respond to all building and structure related TCs per Paragraph 4.2, Trouble Calls. The Contractor shall provide all maintenance, repairs, and alterations as identified in Paragraph 9.5, A through I, Detailed Specifications, in accordance with Federal, state, and local regulations and codes including historic preservation requirements. Services not identified in the detailed specifications paragraph shall be in accordance with normal industry standards.
2. All roof and interior water leaks shall be considered emergency TCs and the Contractor shall respond, repair, and document roof related TCs in the following manner.
 - a. The Contractor shall protect building interior, furnishings, equipment, and personnel by safely containing incoming water within 1 hour of detection or notification.
 - b. The Contractor shall perform the appropriate temporary repair or alteration within the time allotted. Refer to Paragraph 9.5.H, Roofing, for repair methods.
 - c. The Contractor shall evaluate all temporary repairs when conditions allow for the installation of a permanent repair. Refer to Paragraph 9.5.H, Roofing.
 - d. The Contractor shall document the cause and exact location of roof leaks on the TC form.
3. The Contractor shall do all pest control related TCs per Paragraph 4.0, Trouble Calls/Trouble Call Services.

- B. Contract Element (CLIN - 00X1.901) Semi-Annual Roof Inspections. The Contractor shall perform semi-annual roof inspections on all building roofs. The inspection criteria shall include all elements of maintenance to protect the facilities from leaks, and to preserve the condition of the roof and prevent it from further degradation. The inspection shall include all elements of roofing, flashing, coping, gravel stops, pitch pockets, penetrations, drains, perimeter edging, fascia, scuppers, and caulking. Builtup flat roofs shall be inspected yearly with infrared thermography. The information obtained from the roof inspections shall be used to update the CMMS. The Contractor shall complete all data fields required by the software for each roof inspection. The Contractor shall continuously document in the CMMS all changes which affect the condition of the roofs. Changes to the database shall be made within five working days following completion of the roof work.
- C. Contract Element (CLIN - 00X1.902) Pest Control. The Contractor shall perform periodic inspections of all MSFC facilities and grounds for evidence of rodents, .pest and/or insect infestation; identification of problem areas; preparation and application of insecticides, rodenticides, poisons, chemicals, oils, dust sprays, and mixtures; disposal of reptiles; trapping of rodents and fur bearing animals; application of bird repellents to buildings and structures; and other control measures. All chemical handling and disposal shall comply with Paragraph 6.0, Environmental Management Support. All pest control shall be performed in accordance with Federal, state, and local environmental laws and regulations. The Contractor shall maintain on-site all application records and these records shall be available for inspection by Government and other environmental inspectors at all times. The Contractor shall submit the periodic inspection schedule by the 9th calendar day after the contract award. This schedule will be used as the basis for timeliness in work performance.
- D. Contract Element (CLIN 00X1.903) Equipment Room PM. The Contractor shall develop a schedule to inspect and clean all equipment rooms monthly. Cleanup shall include removing loose debris and furniture. The inspection shall be through and identify and initiate work orders for other work such as leak repair, equipment repair, insulation repair, or painting. The cleaning associated with this contract element does not relieve the Contractor from performing clean up associated with specific work in an equipment room. The schedule shall be submitted to the COTR within 15 calendar days of award of contract and will be used as the basis for timeliness in work performance.

9.3 **DOCUMENTATION AND REPORTING REQUIREMENTS**

- A. Contract Element (Include in CLIN – 00X1.0306) Status Report. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. The Contractor shall also update any roof database or software provided by the Government. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The

Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.

9.4 IDIQ WORK

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ, and may be ordered for any facility or area at MSFC (including buildings on loan from the Army). Maintenance and repair IDIQ work shall be completed within the number of days specified on the FWR or DO.

- A. Roof Repairs. Repair roofs per Paragraph 9.5.H, Roofing. The 'Means® Facilities Maintenance and Repair Cost Data Handbook will be used to determine cost of maintenance and repair items.
- B. Pest Control. Perform abnormal pest control per Paragraph 9.5.I. Paragraph 1.6, IDIQ Work, will be used to determine cost of abnormal pest control.
- C. Sign Making. The Contractor shall provide signs to the Government as requested. Special sign making equipment is included with the Special Purpose Equipment shown in Attachment J-8.

9.5 DETAILED REQUIREMENTS

- A. Carpentry and Masonry. The Contractor shall repair and replace carpentry and masonry portions of buildings, structures, and facilities, including all floor, wall, ceiling and roof construction, building finishes, door hardware, foundations, waterproofing seals, and flashing not included in other paragraphs of this contract. Interior and exterior finishes, trim, and decor shall be maintained to match existing finishes. Loose items shall be re-secured by tightening or replacing screws, or by using a suitable adhesive. Damaged or missing items shall be replaced with items matching the original. Replacement hardware shall conform to original material or MSFC Technical Specifications for Repair and Construction (TSRC). Hardware items requiring lubrication shall be lubricated and restored to an operable condition. Repairable rusted metal components shall be cleaned of all rust, coated with a rust inhibitor, and restored to an operational condition. The Contractor shall also be responsible for structural alterations and equipment installations which include, but not limited to:
 - 1. Floors and Floor Covering. Damaged or deteriorated flooring, subflooring, and structural members shall be repaired or replaced to provide a structurally sound, uniform, and aesthetic surface which is free of cracks, breaks, chips, tears, gouges, stains, and buckling. The Contractor shall inspect exposed portions of subfloor during repair or replacement activity. Any evidence of structural damage or deterioration shall be immediately reported to the COTR or designee before proceeding. Some flooring material, baseboard, or adhesive

may contain asbestos, which will require special handling and disposal in accordance with Paragraph 6.0, Environmental Management Support.

- a. Resilient Tiles. Damaged or deteriorated tiles shall be replaced with matching tiles of the same thickness as original. Damaged tiles or tiles to be replaced shall be removed without affecting adjacent tiles. The affected area shall be cleared of all debris and moisture to provide a clean, uniform, dry surface for the installation of new tile. Installation shall be in accordance with manufacturer's instructions. Upon completion, the entire floor shall be thoroughly cleaned and waxed to provide a uniform surface. Note: Many of the buildings at MSFC have floor tile which contains asbestos. In addition, the mastic attaching these tiles to the subfloor also contain asbestos.
- b. Linoleum and Vinyl Sheet Flooring. Areas of flooring having deep gashes or other defects shall be replaced with matching sheet flooring of the same thickness as the original. A replacement section matching existing flooring which is cut larger than the damaged area shall be taped over the defect such that the decorative flooring pattern is continuous. To ensure a properly fitting patch, the Contractor shall cut through both layers of vinyl around the damaged area. The patch and the section of damaged flooring shall be removed and the underlying surface shall be cleaned of all moisture, adhesive, and debris. The patch shall be installed as recommended by the flooring manufacturer. Loose flooring shall be re-secured using an adhesive recommended by the flooring manufacturer. Upon completion, the entire floor shall be thoroughly cleaned and waxed to provide a uniform surface.
- c. Carpeted Flooring. Repair damaged carpet, replace or install transition strips, tighten loose carpeting, repair seams and other related items as required to match or fix existing carpeting. Complete room carpet replacement is not a part of this paragraph.
- d. Concrete Floors. Cracked, broken or spalled areas shall be patched with a nonshrinking cement mortar. Areas shall be cleaned and all loose concrete removed. Underlying surfaces shall be chipped to ensure bonding with the patch. Shallow spalled areas shall be chipped to provide space for an adequate patch thickness. The patch shall be finished even with the adjacent surfaces and finished to match existing texture.
- e. Vinyl Baseboards. Deteriorated or damaged sections of vinyl baseboard shall be removed. Wall and floor surfaces shall be cleaned of all dirt, oil, grease, mildew, moisture, adhesive and debris. Loose baseboards shall be re-secured to the wall. Damaged, deteriorated, or missing baseboard sections shall be replaced with an adhesive that conforms to the manufacturer's recommendations.

- f. Ceramic Tile. Ceramic tile floors that are broken, missing, cracked or discolored shall be replaced as required. Floor tiles shall be re-grouted to provide a waterproof seal. When replacement tiles of an exact match cannot be found, the Contractor shall remove and replace non-defective tiles to create a pattern and minimize the visual effect of the mismatch.
2. Interior Walls, Ceilings, and Trim. Damaged and deteriorated walls, ceilings, and related trim shall be repaired or replaced to provide a surface which is free of noticeable cracks, spalls, raised areas, holes, dents, marks, and stains to match the surrounding surfaces. Wood trim items and ceiling fixtures shall be removed as necessary to provide access to the damaged area. Upon completion of the repair activity, fixtures and trim shall be reinstalled, nails set, filled, and items repainted or, refinished to restore them to their original condition. When removing wall or ceiling coverings, the Contractor shall inspect the supporting structural system and notify the COTR immediately of any need for repair before proceeding. Wall materials may contain asbestos, and painted surfaces may contain lead, both which shall require special handling and disposal in accordance with Paragraph 6.0, Environmental Management Support. Any paint shall meet the requirements of the MSFC Pollution Prevention Plan for low VOC paint.
 - a. Drywall Construction. Cracks, small dents, and holes shall be repaired with spackle over a backing plate when necessary. Spackle shall be feathered on the adjacent surfaces. Patches shall consist of at least three (3) coats with each completely dry before applying subsequent coatings. The final coat shall be lightly sanded and wiped with a damp cloth or sponge to remove all dust and cement deposits from surrounding surfaces. Loose nails or screws shall be pulled and replaced with a new nail or screw approximately one (1) inch away from the existing hole and driven in to form a slight dimple in the surface. The dimple and the existing nail or screw hole shall be filled and finished with spackle. Holes and other defects in wallboard between two (2) studs or beams shall be repaired by removing a rectangle of gypsum board to the center of the adjoining studs or beams and two (2) parallel lines across the board. Cuts shall be neat and shall not tear the paper covering. Edges of abutting sheets shall be sanded to allow for cement build-up in the joint. Replacement of gypsum board shall be of the same thickness and texture as the adjacent sheets and shall be nailed or screwed into place onto the exposed studs or beams. Joints shall be taped and spackled using the procedure outlined above; reinforcing tape shall be embedded, wrinkle-free, and the first layer centered over each joint.
 - b. Vinyl Wall Covering. Wall covering which has been ripped, scarred, stained, or otherwise damaged shall be repaired or replaced as necessary. Wall covering shall be repaired if the damaged area can be patched and not be noticeable. The patch shall overlay the damaged area 1/2-inch on all sides and be continuous with the pattern of the wall covering. The patch shall be glued in place with an adhesive conforming to the wall covering manufacturer's recommendations. Wall covering which is extensively

damaged or for which a matching wall covering is not available shall be repaired by replacing the wall covering on the entire wall. If matching wall covering is not available, the Contractor shall find a comparable substitute. The COTR shall approve all replacement wall coverings which do not match the existing wall coverings. Replacement wall covering shall be hung according to the manufacturer's recommendations.

- c. Ceramic Tile. Ceramic tile walls, window stools, and marble saddles that are broken, missing, cracked, or discolored shall be replaced as required to match existing. Tiles shall be re-grouted to provide a waterproof seal. In those cases where replacement tiles of an exact match cannot be found, the Contractor shall remove and replace non-defective tiles to create a pattern and minimize the visual effect of the mismatch.
 - d. Hardboard Siding. Damaged hardboard siding shall be removed without damaging adjacent siding or underlayment. All replacement siding joints shall be located on studs and nailed at each stud. Replacement siding shall match the existing siding in color, texture, and material. Siding face and edges shall be factory primed. Nails shall be of the type and size specified by the manufacturer and shall be driven flush. A 1/16 inch space shall be left between the siding and wood or metal trim. All joints shall be caulked.
 - e. Wood Trim. Wood trim items shall be prime painted on all sides and edges prior to installation. Surfaces to receive trim shall be thoroughly cleaned of sealant and paint build-up prior to installation of trim. Damaged or deteriorated insulation board or underlayment shall be replaced with material of the same type, thickness, and quality.
 - f. Suspended Ceilings. Broken and stained ceiling tiles shall be replaced with tiles of the same material, style, size, and color. Damaged and broken suspended grid system shall be repaired and/or replaced as necessary to provide a suspended ceiling system as designed.
3. General Exterior Work
- a. Exterior Walls. Damaged or deteriorated wall areas shall be restored to a serviceable, structurally sound, watertight, and weathertight condition. This includes, but is not limited to, replacing damaged masonry units, tuck-pointing loose or eroded mortar joints, sealing penetrations in wall openings, replacing damaged or deteriorated siding and exterior trim, replacing miscellaneous hardware items, and removal of vegetation, discoloration, graffiti, or other defects which would render an unsightly appearance to exterior walls.
 - b. Seams. Seams between window or door frames and exterior walls shall be caulked. Old joints shall be scraped and cleaned with a solvent recommended by the caulking manufacturer. Caulking shall be applied according to the manufacturer's directions.

- c. Exterior Trim. Exterior trim, including all exterior moldings, millwork, shutters, and cornice shall be repaired or replaced as required. Surfaces to receive trim shall be thoroughly cleaned of sealant and paint build up prior to installation of trim. Damaged or deteriorated insulation board underlayment shall be replaced with new material of the same type, thickness, and quality. Bird screens and soffit vents shall be intact and free of corrosion and missing pieces. All wood trim items shall be primed prior to installation and painted to match surrounding surfaces. Any paint shall meet the requirements of the MSFC Pollution Prevention Plan for low VOC paint.
- 4. Doors, Windows, and Screens. Doors (including storm doors), windows (including storm windows), and screens shall operate smoothly without binding or sticking in accordance with the manufacturer's design. Damaged, deteriorated, or missing doors, windows, screens, and associated components shall be repaired or replaced as required. Caulking, glazing, and weather stripping shall be fully intact to maintain a fully weathertight seal.
 - a. Wood Doors. All exterior wood doors shall have solid cores. Wood exterior doors shall be water-repellent treated. Interior wood doors shall be of the same species and have the same finish as the original door. Replacement exterior doors shall be installed during the same workday as removal of original door. Scarred areas of door shall be sanded, wiped clean with a low toxicity solvent, sealed, and finished to match surrounding door surface. All replacement doors shall be installed with the hardware from the damaged door unless the hardware is unrepairable. Small holes in door faces shall be filled and finished to match surrounding door surface. Doors shall be planed (to include appropriate bevel) to provide a minimum 1/16-inch clearance after painting between door and adjoining head and jambs. The bottom of the door shall be trimmed to provide adequate clearance above the floor.
 - b. Screens and Screen Doors. Oxidation deposits shall be removed from metal parts. The affected area shall be cleaned and a protective coating of paste wax shall be applied. Replacement screening shall be of the same material as existing screening. Exposed screening ends shall be cemented with a colorless plastic cement. No exposed screening ends shall protrude from the screen. Warped screen doors and frames shall be straightened if possible to fit squarely in opening. If beyond repair, warped items shall be replaced.
 - c. Windows. Damaged, deteriorated, missing, or inoperative window components shall be repaired or replaced to provide a sound, serviceable, weathertight installation.

- d. Weather Stripping. Damaged or deteriorated weather stripping shall be replaced according to manufacturer's recommendations. Flattened spring type weather stripping shall be lifted or replaced to provide a better seal
 - e. Glass. The Contractor shall replace cracked or broken glass in doors or windows. Replacement glass shall be of the same size, type, and quality as the existing glass.
 - f. Door Accessories. The Contractor shall install, maintain, repair, and adjust locks, latches, panic devices, and strikes of different makes, sizes, and shapes installed in buildings and building components. The Contractor shall also install, repair, clean, repack, and adjust all makes and types of door closures.
 - g. Hardware. Damaged, inoperable, or missing hardware such as hinges, locks, striker plates, latches, keepers, window operating mechanisms, door closers, springs, shall be adjusted, repaired, or replaced as required. Replacement hardware shall match existing hardware in type, size, quality, finish, and meet the BHMA Product Standards. Hardware shall be installed in accordance with the manufacturer's recommendations.
5. Countertops. Countertops with loose protective covering shall be repaired in place. Loose joints shall be secured and filled. Countertops and backsplash shall be the fully formed type comprised of a single unit with the shaped edges using wood nose molding at counter edge and covered wood molding or shaped wood block at juncture of the countertop and backsplash. Size and shape of countertop shall be indicated; backsplash shall not be less than 3-1/2 inches high.
- a. Plywood Countertop Material. Plywood core material and particle board core material shall be per the TSRC.
 - b. Countertop Adhesive. The adhesive for bonding plastic laminates, edging, and trim to the core material shall be a rubber-base contact cement.
 - c. Countertop Laminates. Laminates shall be applied in the longest length practicable. Joints in surface sheeting shall be tight and flush and kept to a practicable minimum. Design, color, and finish shall be selected per the delivery order or by the COTR when none is specified.
 - d. Metal Trim. Damaged metal trim shall be removed and replaced with trim of the same configuration and finish. Joints shall be mitered and smooth. All such trim shall match for an acceptable appearance.
 - e. Sink Rims. Sink rims shall be of the clamping type and a standard product of a manufacturer regularly producing this type of equipment, and shall be fabricated from corrosion-resistant steel of the size necessary to receive a sink.

- f. Cabinet Bases. Wood or plastic laminate cabinets which are damaged shall be repaired or replaced. All exposed items shall match for an acceptable visual appearance. Hardware items shall conform to the original or TSRC for institutional applications. Exposed hardware shall be corrosion resistant.
- g. Kitchen Cabinets. Replacement cabinets shall conform to the original or TSRC.
- 6. Bathroom Accessories. This item shall include, but not be limited to, paper holders, soap trays and dispensers, towel bars, and shower curtain rods. Damaged or deteriorated, or missing accessories shall be repaired, or replaced if beyond repair.
- 7. Caulking. Damaged caulking around sinks, shower stalls, tiles, and accessories shall be chiseled out and replaced with a mildew resistant, silicone base sealant. The sealant shall be applied according to manufacturer's recommendations.
- 8. Temporary Structures. Anchor and level temporary structures, primarily modular buildings or trailers.
- 9. Metal Door Frames and Windows. Remove and install metal door frames and windows in concrete masonry units and concrete walls.
- 10. Nameplate Holders. Missing or damaged nameplate holders shall be replaced with holders of the same type and quality as the existing ones. Loose screws shall be tightened and reseated as necessary.
- 11. Laying Block. Mixing mortar, determining correct type of material and mixture; running lines and levels as required; and cutting, shaping and laying bricks, stone, or block.
- 12. Masonry Units. Damaged masonry units (brick or concrete blocks) shall be replaced with a unit of the same size, color, and texture. The mortar shall be completely removed and the cavity cleaned and all debris removed. The masonry unit shall then be reseated in mortar and the remaining cavity packed with mortar. The masonry unit shall be painted to match existing units. Any paint shall meet the requirements of the MSFC Pollution Prevention Plan for low VOC paint.
- 13. Foundations and Walls. Constructing, maintaining, and repairing foundations and walls, brick, concrete masonry unit, and wood.
- 14. Mortar Joints. Damaged mortar joints shall be chipped out, cleaned, and dampened before being repointed. Repointed joints shall match existing undamaged joints.

15. Interior Concrete. Cracked, broken, or spalled areas shall be patched with a nonshrinking cement mortar. Areas shall be cleaned and all loose concrete removed. Underlying surfaces shall be chipped to ensure bond with the patch. Shallow spalled areas shall be chipped to provide space for an adequate patch thickness. The patch shall be finished even with the adjacent surfaces and finished to match existing texture.
16. Placing Concrete. Mixing, placing, and finishing of concrete, including placing reinforcements, and other embedded items.

B. Metalworking. The Contractor shall maintain, repair, and replace metal components of buildings and structures; install building equipment, such as exhaust fans; and shall construct and install metal components in support of other repair activities. Metalworking shall include heating and bending to form metal shapes, drilling, torch cutting, grinding, sawing, and fitting of metal parts. Metalworking responsibilities shall also include the full range of metalworking and sheet metal activities that include, but are not limited to:

1. Welding. Welding provides the necessary support to the other trades in accomplishment of their work and shall include, but not be limited to, pipes, structural forms, plates, railings, sheetmetal, bar stock, and machinery in the maintenance of building structures, public utilities, transportation, and construction equipment. All welders shall be journeyman level and shall be certified to the proper American Welding Society standard. Work may include the build up metal surfaces of equipment for machining, braze and silver solder various metals, pre-heat items to be welded by torch, stress relieving, and annealing. Use various electric arc or gas welding methods. The following safety precautions are to be followed for all welding work accomplished by the Contractor.

Fire Watch. Welding, burning, and open flame work will be permitted, but only subject to the following conditions:

- (1) The Contractor shall provide an adequate firewatch and the required fire extinguishing equipment. The fire alarm system shall be deactivated or re-routed during welding, and immediately restored afterwards.
 - (2) The Contractor shall obtain the proper permits required.
2. General Sheetmetal. The Contractor shall interpret blueprints, drawings, sketches, and work orders; use templates or patterns as guides in laying out and cutting materials from a variety of sheetmetal stocks including aluminum, copper, galvanized and stainless steel; form single-hem and double-hem edges, seams, and flanges; layout and cut materials for any combination of shapes, allowing for seams, joints, laps, and shrinkage; shear, bend, and form metal parts into desired shapes with hand and power tools and equipment; determine dimensions by application of basic shop mathematics and use of scribing tools, dividers, rules, and other measuring devices; use such equipment as shears,

brakes, bending machines, and associated hand tools; repair, position, and clamp work; preheat metal and maintain heat to prevent distortion; use templates, jigs, blueprints, and other guides to repair, modify, or fabricate metal items for all types of equipment. Join parts by riveting, soldering, and spot welding. Semi-concealed hinges shall be of Type I through V materials, per BHMA Standards. Fasteners for hardware or particleboard core elements shall be of the through-bolt type.

- C. Pipefitting. The Contractor shall layout, cut, bend, assemble, and install pipe, fittings, and fixtures to construct or maintain piping systems such as steam heating, hot water heating, hydraulic, shop air, chilled water systems, oil line systems, domestic water, deionized water, fire water, natural gas, storm drains, and sanitary sewer systems at MSFC. Lay out piping systems or sections from blueprints, work orders, sketches, or drawings and plan assembly in relation to walls, passageways, obstructions, existing underground utilities, underground trenches, location of machinery, and determine appropriate places for holes, clamps, struts, hangers, and similar considerations. Cut, bend, thread, weld, solder, and assemble pipe fittings, using various types of shop machinery and equipment. Pack pipe as necessary to avoid flattening during bending operations. Makeup various kinds of pressure tight joints, such as threaded, flame-bolted, flange-welded, soldered, silver soldered, caulked lead, and cemented. Bore holes in partitions, walls, floors, ceilings, and other obstructions to permit passage of pipe, exercising care to avoid impairing structures to be passed through. Install piping and any necessary hangers, brackets, and other supporting fixtures, position and align pieces for welding where required. Position, secure, and connect to piping systems various fixtures such as radiators, toilets, urinals, sinks, laundry equipment, food preparation equipment, pumps, and tanks. Install various types of hand controlled and automatic valves, traps, thermostats, and similar devices. Pack, adjust, and repair valves of various types. Repair leaks, clear obstructions in piping, and make changes and adjustments to obtain proper circulation and flow.
- D. Painting. The Contractor shall prepare surfaces, mix paints, and apply prime, intermediate, and finish coats. Paint includes all enamels, paints, varnishes, stains, and other coatings whether primer, intermediate, or finish coat. Paint used in touchup painting shall blend with the color and texture of surrounding areas. Touchup painting shall be accomplished as a related item to a maintenance activity. Painting shall be limited to the \$2,000 limit associated with the Service Contract Act.
- E. Painting Responsibilities. Painting responsibilities shall include, but are not limited to, determining type of paint best suited for the job, mixing colors for consistency needed to accomplish the work, performing stenciling of signs, preparing and working on a variety of surfaces such as metals, wood, and masonite; repainting and touching up building numbers and signs in place on buildings, structures, and appurtenances, painting all repairs (paint used for areas); moving, resetting, and protecting furniture, equipment, and all Government-owned property during the work performance period. The Contractor shall comply with the requirements of the MSFC Pollution Prevention Plan for low VOC paint and all

other environmental directives, instructions, policies, and regulations as listed in Attachment J-26.

1. Material. Paints shall be in sealed containers that plainly show the designated name, formula, or specification number, batch number, and name of manufacturer, all of which shall be plainly legible at the time of use. Pigmented paints shall be furnished in containers not larger than five (5) gallons. The use of paint containing lead is strictly prohibited for painting any surface. Upon request from the COTR, the Contractor shall furnish a suppliers' record of batch production data and test results for each batch, except that batch production data may be limited to weight per gallon, viscosity, fineness of grind, drying time, color, and gloss. When the required quantity of material of a particular color is five (5) gallons or less, a proprietary brand of material similar to that specified above may be used.
2. Plaster or Wallboard Surfaces. Damaged surfaces shall be repaired. Surfaces which chalk severely shall be prepared with conditioner.
3. Wood Surfaces. Woodwork, including cabinets and doors, shall be repaired. Surfaces painted with a gloss or semi-gloss paint must be dulled with a surface conditioner. Knots and resinous wood should be treated with a knot sealer.
4. Wood Windows and Doors. Window screens and door screens shall be removed before painting. All screen frames shall be painted on faces and edges and allowed to dry; then replaced and fitted. Window runners shall not be painted, but cleaned and coated with boiled linseed oil.
5. Ferrous Metal Surfaces. All ferrous metal surfaces shall be spot primed. These surfaces shall be scraped, wire brushed, and washed clean before painting. Exposed nails and other ferrous metal on or in contact with surfaces to be painted with water-thinned paint shall be spot-primed first.
6. Galvanized and Zinc Copper Alloy Surfaces. All galvanized surfaces shall be cleaned with a phosphoric acid wash and spot primed with galvanized surface primer.
7. Masonry and Concrete Surfaces. All masonry and concrete surfaces shall be roughened where necessary to provide adhesion. Previously painted areas shall be dulled with a surface conditioner. Surfaces which chalk severely shall be prepared with a conditioner, such as a five (5) to ten (10) percent muriatic (hydrochloric) acid. Surfaces which experience water leakage shall be coated with epoxy paint.
8. Pipe Coverings. Pipe coverings shall be brushed with a stiff fiber brush and sizing applied to bare surfaces of covering for adhesion.

9. Electrical Fixtures. Electrical outlet covers, switch covers, and fixtures shall be masked or removed before painting and uncovered or reinstalled prior to work completion.
 10. Application of Paint. Interior paint shall be applied in dust free conditions in accordance with the manufacturer's recommendations. Exterior paint shall not be applied on rainy, foggy, or windy days. The outdoor or indoor temperature shall be within the manufacturer's recommendations before the next coat is applied. Each coat shall be prepared in accordance with the paint manufacturer's recommendations. Each coat of paint shall be of sufficient thickness to completely cover the previous coat or surface. Each coat shall be sanded and dusted as prescribed by the paint manufacturer to produce a finish smooth and free from runs, sags, or other surface preparation defects. Paint surfaces adjoining other materials or colors shall be sharp and clean without overlapping. Stuck windows shall be freed to assure ease of operation within five (5) days following completion of work.
- F. Plumbing. The Contractor shall repair or replace water lines, drain lines, and fixtures. Pipes containing lead shall not be used. Additional work includes, but is not limited to, cleaning out sluggish sinks and sink traps; replacing parts such as valves and traps; recaulking various plumbing fixtures; resetting toilets, urinals, sinks, fixture stops, supply lines; repairing or replacing flush valve assemblies, continuous waste arm assemblies, auxiliary valves, escutcheons, pistons, diaphragms, and handles to flush valves; replacing spuds and spud washers, vacuum breakers, tail pipes, and flush valves; replacing shower heads and necks; replacing plumbing brass, gas connections, stops, toilet seats, and water tank covers; taking general visual inspection of all plumbing fixtures and pipes; making minor repairs, including tightening bolts, nuts, and pipe connections; repairing drinking fountains; and repairing or replacing hot water heaters.
1. Clogged Toilet, Urinal, or Sink Drains. Work may include disassembly of fixture, exterior or interior piping and traps, and cleaning out pipes. Removal of any fixture requires the replacement of all bolts, nuts, washers, wax seals, and caulking. All slip joint washers are to be replaced with new after each removal.
 2. Loss of Water Pressure. If loss of water pressure occurs within the piping, the Contractor shall determine the source of the problem and repair it as quickly as possible. Work may include disassembly and removal of interior piping, cleaning out of piping, or replacing of existing piping with new piping of like materials.
 3. Overflowing Plumbing Fixtures. The water supply shall be turned off in the event of an overflowing plumbing fixture. Faulty valves/faucets and blockages shall be repaired and the service restored within 48 hours. The Contractor shall remove water from floors and repair any damage.

4. Backflowing Floor Drains and Disposal Units. Backflowing floor drains and disposal units shall be treated as clogged drains discussed above.
 5. Loss of Hot Water. The water supply shall be turned off in the event of leaking hot water pipes or water heaters. Leaking piping or water heaters shall be repaired or replaced and service restored as quickly as possible. While performing the needed repair or replacement, the Contractor shall also repair any damage caused by the defective item to restore the building or facility to its original condition. For example, replacement of a leaky pipe shall also include repair of water damage to the surrounding walls, floor, and/or ceiling.
 6. Sump and Ejector Pumps. If the pumps are not operational, the systems involved are to be shutdown and affected restrooms tagged "out of order". The Contractor shall determine the source of the problem and make repairs. System shall be restored to normal operations within one (1) working day. If pump failure requires leadtime for delivery of parts or components, a temporary pump of adequate size shall be installed in its place until the proper components become available.
- G. Electrical. The Contractor shall be responsible for electrical work which includes but is not limited to: installation, maintenance, repair or removal of low voltage electrical circuits, panelboards, motor control centers, building loadcenters, power distribution systems, and equipment. Electrical work shall be limited to interior and exterior distribution systems up to 600 Volts. This includes appliance equipment, power tools, and industrial and office building distribution needs.

Relamping. For non-office areas, the Contractor shall remove and replace all interior incandescent light bulbs and fluorescent tubes that have burned out or been broken, and other defective parts such as, but not limited to, ballasts, starters. Leaking or smoking ballasts may contain PCB's and shall be managed in accordance with Paragraph 6.0, Environmental Management Support. Burned out bulbs, lamps, and troubling bulbs or lamps reported by customers will be considered a TC and shall include cleaning of lenses, reflectors, and luminaries, to obtain maximum lighting output. Energy saving lamps shall be used for relamping when applicable. Fluorescent bulbs shall be placed back in original packing and provided to the Environmental Engineering and Occupational Health Office contractor for disposal if required.

- H. Roofing. The Contractor shall repair or replace damaged, deteriorated, or missing roofing, sheathing, flashing, gravel stops, miscellaneous roof structures and components, and structural supports as required to provide a watertight seal and to retain the original condition of the roof system. The Contractor shall accomplish temporary repairs under wet conditions to protect Government property and personnel. Durable permanent repairs shall be completed as soon as conditions allow. All roofing work shall be in accordance with the original installation or TSRC. All roofing materials applied shall be per the manufacturer's recommendations. Some roofing may contain asbestos that shall require special

handling and disposal by the Contractor in accordance with Paragraph 6.0, Environmental Management Support.

- I. Pest control for cafeteria or snack bar areas shall be such that no insects are found in food preparation, serving, or eating areas except at bait traps. Insects found in any other MSFC facilities between treatment periods shall result in immediate re-treatment at no cost to the Government. The cafeteria located in Building 4708 is not part of this contract.

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10.0 MECHANICAL SYSTEMS**10.1 GENERAL REQUIREMENTS**

The Contractor shall provide all labor, supervision, materials, lubricants, oils, tools, equipment, transportation, and management necessary to accomplish the operation, predictive maintenance, preventive maintenance (PM), trouble calls (TC), and repair of mechanical equipment and systems that includes, but not limited to: air compressors, roll doors, air dryers, elevators, cranes, and associated equipment identified in Attachments J-24, J-25, and J-6.

10.2 LUMP SUM WORK

The following contract elements shall be performed per the Performance Requirements Summary (PRS), Section E.9, at the frequencies or performance criteria specified within the contract requirement:

- A. Contract Element (Include in CLIN - 00X1.0401) Trouble Calls (TC). The Contractor shall respond to all TCs related to this paragraph and accomplish any necessary repairs per Paragraph 4.0, Trouble Calls/Trouble Call Services.
- B. Contract Element (CLIN - 00X1.1001) Horizontal and Vertical Sliding Roll Door PM. The Contractor shall perform PM for the roll doors listed in Attachment J-24 and in accordance with Paragraph 10.5.F. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- C. Contract Element (CLIN - 00X1.1002) Hoist, Crane, and Derrick PM. The Contractor shall perform load tests, PM and PT&I for hoists, cranes, and derricks listed in Attachment J-18 and in accordance with crane manufacturers operations and maintenance manuals and recommendations. The Government has determined that certain preventive maintenance and predictive testing and inspection shall be performed for this contract line item as enhancements to the existing PM program. These enhancements are as follows: Perform annual inspection of all wiring terminations and wiring harnesses. Perform annual infrared analysis on all electrical components. Perform annual vibration analysis on all electric motors. Documentation for the infrared analysis shall be the completed work order controlling the work. Documentation for the vibration analysis shall be the base documentation and the following annual inspections maintained in the predictive testing program by the Contractor.
- D. Contract Element (CLIN - 00X1.1003) Elevator PM. The Contractor shall perform PM for elevators listed in Attachment J-24 and in accordance with Paragraph 10.5.E, Maintenance Requirements and Procedures.
- E. Contract Element (CLIN - 00X1.1004) Heavy Equipment Operation. The Contractor shall provide operation and operator maintenance of heavy equipment including fixed equipment such as bridge and derrick cranes, hoists, and air bearings and mobile equipment such as truck-mounted cranes, bull dozers, and lift

trucks. This shall include loading, securing, off loading, hauling of heavy and oversized cargo. As a part of heavy equipment operations, the Contractor shall insure all non-mobile equipment is in compliance with appropriate ANSI and OSHA proof load testing requirements. Heavy equipment shall be available 100 percent of the time. The Contractor shall not provide maintenance (for example, oil changes, minor repairs, major overhauls) of mobile equipment but will be required to provide operator support. The Contractor shall rig cranes and loads, fabricate wire rope slings, chokers, and rigging, load test lifting devices, and secure cargo on common and special conveyances. Fabrication of rigging equipment and load testing lifting devices to meet requirements shall be completed within fifteen working days. Maintenance timeliness shall be the same as for trouble calls.

Personnel performing lifting devices and equipment nondestructive testing (NDT), including visual inspections, shall be qualified and certified in accordance with written practices meeting the requirements contained in American Society for Nondestructive Testing (ASNT) Recommended Practice No. SNT-TC-1A, Personnel Qualification and Certification in Nondestructive Testing. This includes NDT on all lifting devices as defined in NASA-STD-8719.9.

In addition to the equipment identified in Attachment J-8, MSFC owns a special purpose transport truck that has the capability to raise, lower, and level its bed. The truck can transport up to 795,000 pounds at a speed of 6 miles per hour and shall be operated by the Contractor with certified operators.

- F. Contract Element (CLIN - 00X1.1005) Handling and Transporting Program Critical Hardware (PCH). The Contractor shall provide the necessary special support services to handle and transport PCH at MSFC in accordance with MWI 6410.1. The Contractor shall insure that all fixed cranes and related lifting equipment and tools are available and capable to meet the PCH move schedule 100 percent of the time.
- G. Contract Element (CLIN - 00X1.1006) Deionized (DI) Water Operations and PM. The Contractor shall operate and maintain the DI water systems in Buildings 4700 and 4487. Building 4705 houses a DI water system that may be used as a backup to the primary system in Building 4700. The system in Building 4487 supplies only. The Contractor shall operate all DI Water Systems to produce the quality and quantities necessary to meet customers needs at the following purity specifications: Bldg 4487 B-Wing 10-18 megohm/cm; 4487 C-Wing 10-18 megohm/cm; and Bldg 4700 minimum specific resistance of 1 megohm/cm with pH between 6.0 and 9.0. Water quality at Building 4700 should also meet the following particulate requirement per 500 ml: Five or less particles ranging in size between 100 to 175 microns and no particles ranging in size greater than 175 microns. Since the system at Building 4700 was not designed to meet the particulate requirements, the Contractor is to monitor particulate so the Government may consider an alternate means to ensure particular requirements are met. The primary storage vessel for DI water has a capacity of 50,000 gallons and should be maintained at a level necessary to meet customers needs. Maintenance timeliness shall be the same as trouble calls. The Contractor shall have written

operating procedures for this facility. These procedures shall be available for Government inspection at all times. The Contractor shall perform PM on all DI water equipment as listed in Attachment J-24 in compliance with the Contractor's PM plan.

- H. Contract Element (CLIN - 00X1.1007) Industrial Wastewater Treatment Facility (IWTF) Operations and PM. The Contractor shall operate and maintain the IWTF in accordance with MSFC State Indirect Discharge (SID) permit (IU084500027). The IWTF has the capacity to treat 50,000 gallons per day of metal finishing wastewater, and 5,000 gallons per day of paint booth and water blast wastewater. Maintenance timeliness shall be the same as for trouble calls. Sample collection and reporting shall be in accordance with the SID Permit (see DRD 1197EE-004). The Contractor shall have a written operating procedure for this facility. These procedures shall be available for Government inspection at all times. The Contractor shall perform PM on all IWTF equipment as listed in Attachments J-24 and J-25 in compliance with the Contractor's PM plan.
- I. Contract Element (CLIN - 00X1.1008) Air Compressor PM. The Contractor shall perform PM for all air compressors listed in Attachment J-24.
- J. Contract Element (CLIN - 00X1.1009) Air Dryer PM. The Contractor shall perform PM for all air dryers listed in Attachment J-24.
- K. Contract Element (CLIN - 00X1.1010) Ice Machine PM. The Contractor shall perform PM for all ice machines listed in Attachment J-24.
- L. Contract Element (CLIN - 00X1.1011) Special Purpose Shop Equipment PM The Contractor shall perform PM for special purpose shop equipment listed in Attachments J-8 and J-24 .
- M. Contract Element (CLIN - 00X1.1012) Annual Crane and Hoist Inspection. The Contractor shall procure the services of an independent crane inspector to perform annual crane and hoist inspections in accordance with DRD 1197LS-013.
- N. Contract Element (CLIN - 00X1.1013) Elevator Inspection. The Contractor shall procure the services of an independent elevator inspector to perform annual inspections in accordance with DRD 1197LS-014 and a five-year inspection in accordance with DRD 1197LS-015.
- O. Contract Element (CLIN - 00X1.1015) Storage Tank Monitor PM. The Contractor shall perform PM for all storage tank monitors listed in Attachment J-24.

10.3 DOCUMENTATION AND REPORTING REQUIREMENTS

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.

10.4 IDIQ WORK

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ Work, and may be ordered for any facility or area at MSFC involving Mechanical Systems Maintenance and Repair. IDIQ work shall be completed within the number of days specified on the FWR or DO.

10.5 DETAILED SPECIFICATIONS

- A. Interferences. The Contractor shall remove and reinstall interferences necessary to accomplish PM and repair as required by this work paragraph.
- B. Pressure Testing. The Contractor shall accomplish pressure testing for leaks when repairs or alterations are made involving the integrity of gas, vacuum, lubricating oil, and hydraulic systems while conducting maintenance or repair. If the repair requires a mechanical joint be disconnected and reconnected or a weld repair is required, the pressure test shall be visually inspected at operating pressure after ten (10) minutes of operation. If the system is altered or a replacement component is installed, excluding gaskets, the pressure test shall meet the same requirements as the original installation specification. If the repair is made to a buried section of the system, the pressure test shall be accomplished prior to covering the repair area. Allowable leakage: NONE.
- C. Forms. The Contractor shall obtain, fill-out and adhere to all NASA MSFC required permit forms: including, but not limited to burn permit, confined space entry permit, dig permits, and all tag-out, lock-out procedures.
- D. Painting. The Contractor shall prepare, prime and paint all new and disturbed surfaces to match the surrounding area as a result of the requirements of this contract paragraph and Paragraph 6.0, Environmental Management Support for disposal.
- E. Maintenance Requirements and Procedures. The Contractor shall maintain all equipment in optimum operating condition and control. All mechanical systems

under this paragraph shall be operational, functional, and ready to respond to demand according to its design purpose and intent. Any unscheduled or unplanned outage of these systems listed in Attachment J-10 shall not exceed those occurrences and times specified in Attachment J-10. Times listed in Attachment J-10 are referred to as the "outage limit," with the exception for scheduled or planned outages. For work that exceeds the TC limit, the time expended by the Contractor prior to the Contractor notifying the COTR of such condition shall be applied towards the outage limit. All other time will not be counted towards the outage limit for work exceeding the TC limit (reference note G. on the Systems Availability Requirements Table in Attachment J-10). Planned outages for maintenance and repair shall follow standard labor hours and practices per the Means® Facilities Maintenance and Repair Cost Data Handbook. Any time exceeding published labor hours may count towards the outage limit.

The Contractor shall prepare maintenance procedures per the following guidelines: (1) manufacturer's instructions; (2) industry standards and codes, (3) Federal, state, and local regulations, and (4) procedures outlined in NASA publications. The Contractor shall prepare maintenance procedures in accordance with DRD 1197LS-011.

- F. Horizontal and Vertical Sliding Roll Doors. Horizontal and vertical sliding roll doors shall operate smoothly without resistance. Railings shall be checked for alignments. Rusted or corroded areas shall be repaired or replaced. All bearings, rollers, gears, and pulleys shall be properly lubricated. All hangers, bolts, springs, and pins shall be free of rust, corrosion, and shall be tightly mounted and secured. Motors shall operate properly and be properly lubricated. Cables and fusible links shall be properly installed and free from rust and corrosion. The Contractor shall perform PM per Attachment J-24, Horizontal and Vertical Sliding Roll Doors PM.

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11.0 STEAM DISTRIBUTION SYSTEM OPERATION**11.1 GENERAL REQUIREMENTS**

The Contractor shall provide all labor, supervision, incidental engineering, materials, treatment chemicals, tools, equipment, transportation, and management necessary for the yearly operation, preventive maintenance (PM), predictive maintenance, trouble calls (TC), and repair of the boiler plants, and associated steam distribution and condensate return systems, facilities, and equipment described in Attachments J-24, J-25, and J-6. Work shall conform to Federal and State Codes, Environmental standards, OSHA regulations, and ASME power boilers, pressure vessel codes. The work shall include, but not be limited to, operating boilers, testing, analysis, and treatment; boiler start-up and shut-down; PM to include daily site visits for inspections, checks, and adjustments; TC and minor repair of the boilers, entire steam distribution system at MSFC, condensate return system, and associated facilities; annual boiler overhaul; annual boiler inspection, tuning, and certification; and maintaining records and preparing reports in order to provide high pressure steam (up to 200 psig) 24 hours per day, 7 days a week throughout the term of the contract period, compliant with the directives, manuals, and instructions listed in Attachment J-26. PM work shall be accomplished per Attachment J-24. Note: The MSFC steam generation and cross-country distribution system is primarily South of Fowler Road. Most facilities North of Fowler Road are serviced by Army-provided steam.

11.2 LUMP SUM WORK

The following contract requirements shall be performed per the Performance Requirements Summary (PRS), Section E.9, at the frequencies or parameters specified within the contract requirement:

A. Contract Element (CLIN - 00X1.1101) Steam Boiler Operation. The Contractor shall operate, maintain, have inspected and repaired all MSFC steam boiler plants and systems. Boilers shall operate at a minimum of 80 percent efficiency. Maintenance timeliness shall be the same as for trouble calls. The Contractor SHALL respond to emergency situations with correct repair so scheduled test programs will not be delayed. Boiler operation includes all equipment associated with normal boiler operation such as fuel supply, condensate pump, and feed water pump. The steam boiler equipment the Contractor shall operate includes, but is not limited to, boilers listed in Attachment J-19. Failure of the Government to supply water, fuel, or electricity for plant operations will relieve the Contractor of responsibility of operations during the time period the Government is remiss in these supply functions. If interrupted by the Government, the Contractor shall return the boiler on-line within two (2) hours of re-establishment of Government service. The Government will provide the Contractor all operational procedures that are presently available for MSFC steam boilers systems.

1. The Contractor shall operate equipment 24 hours a day, 7 days a week in accordance with Attachment J-19. Summer schedule will begin April 15th and

- the winter schedule will begin October 15th. The COTR will confirm actual schedule dates.
2. The Contractor shall perform fuel storage and transfer operations associated with boiler plant storage tanks (fuel oil to be furnished by the Government). The Contractor shall notify the Government of fuel needs allowing enough time for the Government to place an order and have the fuel delivered. This lead-time is typically one (1) week (seven (7) days)
 3. The Contractor shall prevent accumulation of boiler deposits and corrosion by carrying out a prescribed program of boiler water chemical treatment. This includes analyzing boiler and feed water, selecting chemicals and components according to formula and injecting carefully measured solutions into boiler and feed water.
- B. Contract Element (CLIN - 00X1.1102) Steam Distribution. The Contractor shall maintain and repair the entire steam distribution and condensate return systems continuously, 365 days per year minimizing steam and condensate losses due to leakage. Maintenance timeliness shall be the same as for trouble calls. Steam distribution includes all steam and condensate piping both north and south of Fowler Road that falls under the responsibility of MSFC. This shall include, but is not limited to, elevated and underground steel steam supply piping and condensate return piping, fittings, valves, insulation/lagging, aluminum jacketing, expansion loops, pipe hangers, anchors, structural supports, and touch-up painting. Steam distribution includes, but is not limited to, regulator adjustment, relief adjustment, strainer or trap cleaning, and isolation and return to service. Work shall be done in accordance with Paragraph 11.5.R, Maintenance Requirements and Procedures.
- C. Contract Element (CLIN - 00X1.1103) Primary Steam Boiler PM. The Contractor shall perform all primary steam generation boilers PM, listed in Attachment J-20 and in accordance with Paragraph 12.5.U, Maintenance Requirements and Procedures. All PM activities shall be accompanied in compliance with the Contractor's PM plan.
- D. Contract Element (CLIN - 00X1.1104) Boiler Feed Water Pump PM. The Contractor shall perform PM on feed water pumps listed in Attachment J-24 and in accordance with Paragraph 11.5.R, Maintenance Requirements and Procedures. All PM activities shall be accompanied in compliance with the Contractor's PM plan.
- E. Contract Element (CLIN - 00X1.1105) Condensate Pump PM. The Contractor shall perform PM on steam condensate return pumps as listed in Attachment J-24 and in accordance with Paragraph 11.5.R, Maintenance Requirements and Procedures. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- F. Contract Element (CLIN - 00X1.1106) Power Boiler Annual Certification. The Contractor shall procure the services of an independent inspector to perform annual boiler inspections in accordance with DRD 1197LS-004. The annual

certification consists of (1) Type A - internal and external, (2) Type B - internal and external with hydrostatic test, and (3) Type C - external under steam. This includes all Contractor support to the certifying agency.

- G. Contract Element (CLIN - 00X1.1107) Portable Boiler PM. The Contractor shall perform all portable steam generation boilers PM in accordance with Paragraph 11.5.R, Maintenance Requirements and Procedures. All PM activities shall be accompanied in compliance with the Contractor's PM plan.
- H. Contract Element (CLIN – 00X1.1108) Steam Trap Inspection. The Contractor shall perform a yearly inspection of all steam traps prior to April 15th using the Government provided Trapman system. Trouble Calls or IDIQ's, as appropriate, shall be initiated for defective traps. Defective traps shall be repaired or replaced prior to October 15th. The Contractor shall enter all currently unidentified traps into the Trapman system and the CMMS. There are approximately 1000 steam traps. The currently identified traps are shown in Attachment J-12. If the number of traps varies more than 3% there will be an equitable adjustment made.

11.3 DOCUMENTATION AND REPORTING REQUIREMENTS

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.

11.4 IDIQ WORK

IDIQ work will be ordered in accordance with Paragraph 1.6, IDIQ Work, and may be ordered for any facility involving Steam Distribution Maintenance and Repair. IDIQ work shall be completed within the number of days specified on the FWR or DO.

11.5 DETAILED SPECIFICATIONS

The Contractor shall accomplish the following detailed specifications and requirements in accomplishing work required by this work paragraph:

- A. Interferences. The Contractor shall remove and reinstall interferences necessary to accomplish work required by this work paragraph.

- B. Forms. The Contractor shall obtain, fill-out, and adhere to all NASA, MSFC required permit forms such as: burn permit, confined space entry permit, dig permit, and all lock-out, tag-out procedures in accordance with Safety and Health Requirements and Reports in Paragraph 1.0.
- C. Operation of Certified Boilers. The Contractor shall not operate any power boiler that does not have a valid annual inspection certificate. The COTR shall be notified if unsafe conditions are found, following repair of a power boiler, or after any authorized modification to boilers, control equipment, or associated components.
- D. Environmental Management Support. The Contractor shall handle all hazardous waste and environmental work associated with, or arising from, this work paragraph, in accordance with the requirements of Paragraph 6.0, Environmental Management Support.
- E. Replacement of Expansion Joints. Replacement of joints shall consist of removing insulation, fasteners, expansion joint, and installing the new expansion joint, fasteners, and insulation.
- F. Structural Support System. The Contractor shall repair or replace all deteriorated pipe hangers and supports, expansion loops, guy wires, anchor rods, screw anchors, turnbuckles, fasteners, and anchors.
- G. Valves. The Contractor shall repair or replace deteriorated, damaged, and leaky valves, stems, disks, seals, packing, and gaskets. If a valve requires disassembly for repair, the Contractor shall, while the valve is disassembled, clean the bonnet, lubricate the stem, and inspect the valve for signs of deteriorated or damaged packing and broken, bent, corroded, or missing parts. After the valve is restored, the Contractor shall apply system pressure to ensure all joints are sealed, and check for seat, body, and packing leaks, and check for proper operation, correcting any defects discovered. Valves under two (2) inch shall be replaced with new valves if found defective.
- H. Traps and Y-Type Strainers. The Contractor shall repair or replace all defective parts of traps and Y-type strainers such as baskets, plugs, gaskets, bellows, floats, valves, valve seats, hooks, buckets, linkages, and strainer orifices. If repair requires disassembly, the Contractor shall clean, inspect, and test the trap or strainer in the same manner as valves. The Contractor shall test traps and strainers to determine correct operation without breaking insulation.
- I. Gauge and Thermometer. The Contractor shall insure all system gauges and thermometers are in good working order. The Government's Calibration Laboratory will be available should the Contractor elect to calibrate this equipment. Each gauge and thermometer shall be functional to allow safe operation of the system.

- J. Fasteners. When required by deterioration, missing or damaged threads, the Contractor shall remove the existing and install new fasteners that conform to original requirement or TSRC. Apply high temperature anti-seize compound to all boiler and associated fasteners.
- K. Gaskets. When required, the Contractor shall install new gaskets conforming to the manufacturer's specifications and or the latest code and industry standards for boiler watersides and boiler firesides. Removal of existing gaskets may require special requirements per Paragraph 6.0, Environmental Management Support.
- L. Testing of Systems. When repairs and alterations are made involving the integrity of the steam distribution system, the Contractor shall, after all repairs are complete, pressurize the system and check for leaks. If the repair is made to a buried section of the system, the pressure test shall be accomplished prior to covering the repair area. System shall be tested in compliance with ANSI B31.1.
- M. Insulation. The Contractor shall repair or replace damaged pipe insulation as part of PM or repair. When repairing or replacing insulation, the Contractor shall inform their personnel of the possible hazards of asbestos and shall comply with the requirements set forth in accordance with MPR 8500.1 and MSFC instructions. All replacement pipe insulation shall match existing insulation or be installed per Technical Specification for Construction and Repair (TSRC).
- N. Conduit. The Contractor shall repair and replace damaged electrical conduits and tighten or repair defective or loose connections to all conduits.
- O. Valve Houses and Pits. The Contractor shall, while performing work in steam line valve houses and manhole pits, repair or replace defective covers, supports, guides, and ladders, and shall be alert to defects in other systems and the surrounding manhole and conduit.
- P. Water Treatment. The Contractor shall provide chemical or mechanical water treatment to control corrosion to the steam boiler(s) and the steam supply and return system. Water treatment disposal shall be in compliance with the MSFC NPDES permit. Water treatment chemicals containing chromium or tributyltin shall not be used.
- Q. Painting. The Contractor shall prepare, prime, and paint new and disturbed surfaces to match the surrounding surfaces, as a result of the requirements of this work paragraph in accordance with Paragraph 10.5.D, Painting, and Paragraph 6.0, Environmental Management Support for disposal.
- R. Maintenance Requirements and Procedures. The Contractor shall maintain all equipment in optimum operating condition and control. All equipment shall be operational, functional, and ready to respond to demand according to its design purpose and intent except for scheduled or planned outages. Note: Scheduled and planned outages for buildings 4663 and 4207 will be very difficult to obtain and most likely will only be available during a holiday period such as Christmas. For

unscheduled and unplanned outages, the steam distribution system under this paragraph shall be down no greater than those occurrences and times specified in Attachment J-10, herein referred to as the "outage limit." For work that exceeds the TC limit, the time expended by the Contractor prior to the Contractor notifying the COTR of such condition shall be applied towards the outage limit. All other time will not be counted towards the outage limit for work exceeding the TC limit (reference note G on the Systems Availability Requirements Table in Attachment J-10). Planned outages for maintenance and repair shall follow standard labor hours and practices per the Means® Facilities Maintenance and Repair Cost Data Handbook. Any time exceeding published labor hours may count towards the outage limit.

The Contractor shall prepare maintenance procedures per the following guidelines (1) manufacturer's instructions, (2) industry standards and codes, (3) Federal, state, and local regulations; and (4) procedures outlined in NASA publications. The Contractor shall prepare maintenance procedures in accordance with DRD 1197LS-011.

- S. Operating Records and Logs. The Contractor shall maintain operating records, laboratory records, maintenance records, and emergency condition records. The Contractor shall keep all operation, maintenance, and repair records orderly, readily accessible, and simply referenced in such a manner to be quickly accessed by all authorized Government authorities at any time. The Contractor will continuously update the CMMS to reflect any and all equipment failures and corrective actions taken.
1. The Contractor shall provide, maintain, and post current signs and instructions including, but not limited to, no smoking, electrical and chemical hazard warning signs, routine daily instructions, and routine laboratory analyses procedures required by the COTR and Federal, state, and local regulations.
 2. The Contractor shall maintain a bound logbook for each boiler in operation identifying the operator's name, date, time, observations made, checks of flame failure and low water cut-off devices, meter readings, operational changes, and all other maintenance performed during each visit.
 3. The Contractor shall maintain a daily record of all treatment chemicals used and of all laboratory analyses performed.

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12.0 HVAC/R SYSTEMS**12.1 GENERAL REQUIREMENTS**

The Contractor shall provide all labor, supervision, materials, oils, lubricants, tools, equipment, transportation, and management necessary for the operation, predictive maintenance, preventive maintenance (PM), corrective maintenance, and repair of heating, ventilating, air conditioning, and refrigeration (HVAC/R) equipment, identified in Attachments J-24, J-25, and J-6. The work shall include PM and repair of equipment and system components consisting of, but not limited to, gas, oil, and electric heating boilers, centrifugal, reciprocating, screw, liquid and air-cooled air conditioning systems, direct expansion package air conditioning units, self-contained computer cooling units, electric heat pumps, through-the-wall heating and air conditioning units, cooling towers, air handling units, unit heaters, refrigerant compressors, humidifiers, ventilation blowers/fans, service valves, dampers, condensers, coils, chillers, pumps, purge units, electrical and mechanical controls, duct work, piping, motors, evaporators, air filters and dryers, thermostats, humidifiers, fan coil units, water coolers, ice machines, refrigerators, reach-in freezers, and performance of seasonal equipment start-ups and shut-downs; annual heating boiler overhaul, associated inspection and certification assistance; maintaining records and preparing reports to ensure safe and efficient equipment operation and to maximize the life of each piece of equipment for optimum operational efficiency. All additional costs associated with performance of refrigerant leak detection, reclamation, cleaning, reporting, and recycling shall be provided at no additional cost to the Government. PM and repair work shall comply with the applicable directives, manuals, and instructions listed in Attachment J-26.

12.2 LUMP SUM WORK

The following contract requirements shall be performed per the Performance Requirements Summary (PRS), Section E.9, at the frequencies or parameters specified within the contract requirement:

- A. Contract Element (CLIN - 00X1.1201) Hot Water Boiler PM. The Contractor shall perform PM on the boilers listed in Attachment J-19 and in accordance with Paragraph 12.5.U, Maintenance Requirements and Procedures. Annual certifications are required and shall be obtained by the Contractor. The annual certification consists of (1) Type A - Internal and External, (2) Type B - Internal and External with hydrostatic test, and Type C - External under steam. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- B. Contract Element (CLIN - 00X1.1202) Boiler Hot Water Pump PM. The Contractor shall perform PM on the boiler hot water pumps included in Attachment J-24 and in accordance with Paragraph 12.5, Detailed Requirements. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- C. Contract Element (CLIN - 00X1.1203) Boiler Feed water Pump PM. The Contractor shall perform PM on the boiler feed water pumps included in Attachment J-24 and in accordance with Paragraph 12.5, Detailed Requirements.

All PM activities shall be accomplished in compliance with the Contractor's PM plan.

- D. Contract Element (CLIN - 00X1.1204) Chilled Water Pump PM. The Contractor shall perform PM on the chilled water pumps included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- E. Contract Element (CLIN - 00X1.1205) Chiller PM. The Contractor shall perform PM on the reciprocating A/C plants included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- F. Contract Element (CLIN - 00X1.1206) Air Handler Unit PM. The Contractor shall perform PM on the air handler units included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- G. Contract Element (CLIN - 00X1.1207) Exhaust Fan PM. The Contractor shall perform PM on the exhaust fans included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- H. Contract Element (CLIN - 00X1.1208) Cooling Tower PM. The Contractor shall perform PM on the cooling towers listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- I. Contract Element (CLIN - 00X1.1209) Cooling Tower Circulating Pump PM. The Contractor shall perform PM on the cooling tower circulating pumps included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- J. Contract Element (CLIN - 00X1.1210) Cooling Tower Water Treatment. The Contractor shall perform water treatment for the cooling towers. Water treatment equipment is shown in Attachment J-23. All treatment activities shall be accomplished in compliance with the Contractor's PM plan.
- K. Contract Element (CLIN - 00X1.1211) Humidifier and Dehumidifier PM. The Contractor shall perform PM on the humidifiers and dehumidifiers listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- L. Contract Element (CLIN - 00X1.1212) Trailer Mounted Mobile Chiller (Emergency Chiller) PM. The Contractor shall perform a monthly PM on the trailer mounted mobile chillers included in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- M. Contract Element (CLIN - 00X1.1213) Water Treatment for Chilled Water Systems. The Contractor shall perform water treatment for the chilled water systems. All water treatment activities shall be accomplished in compliance with the Contractor's PM plan.

- N. Contract Element (CLIN - 00X1.1214) Water Treatment for Hot Water and Steam Boilers. The Contractor shall perform water treatment for the hot water and steam boilers. Water treatment equipment is listed in Attachment J-23. All activities shall be accomplished in compliance with the Contractor's PM plan.
- O. Contract Element (CLIN – 00X1.1215) Refrigerant Reclamation. The Contractor shall reclaim all CFC and HCFC refrigerants for reuse.
- P. Contract Element (CLIN – 00X1.1216) Supply and Return Air Fan PM. The Contractor shall perform PM for all supply and return air fans included in Attachment J-24.
- Q. Contract Element (CLIN – 00X1.1217) Heating Vent Unit PM. The Contractor shall perform PM for all heating vent units included in Attachment J-24.
- R. Contract Element (CLIN – 00X1.1218) Heating, Ventilating, Air Conditioning and Refrigeration (HVAC/R) Operations and Maintenance. The Contractor shall operate, maintain, and repair all MSFC HVAC/R systems continuously, 365 days per year, 24 hours per day, 7 days a week maintaining special environments that are currently in force in accordance with Attachment J-21. The special environment areas may be subject to change as Center objectives and programs are defined. The Contractor will not be responsible for operating and maintaining a new special environment with criteria that exceeds the HVAC/R design for that area without compensation from the Government. The Contractor shall minimize personnel discomfort in administrative areas when HVAC/R conditions are impacted by events outside of the Contractor's control. Operations shall include, but not be limited to, performance of seasonal equipment start-ups and shutdowns, calibrations, resetting and restarting tripped equipment, regulator or thermostat adjustments, filter replacements other than HEPA filters, and isolating and returning equipment to service as a result of planned or unplanned outages. The work shall also include repair of HVAC/R related components (for example, air compressors, air dryers, fans, chillers, cooling towers, DXAC units, humidifiers, pumps) and associated piping isolated to the first connection point upstream and downstream of each component. All piping, fittings, valves, insulation/ lagging, aluminum jacketing, expansion loops, traps, strainers, pipe hangers, anchors, structural supports, and touch-up painting are included. Work shall be done in accordance with Paragraph 12.5.U, Maintenance Requirements and Procedures. Maintenance timeliness shall be the same as for trouble calls. The Contractor's repair liability for servicing equipment and system components is limited to \$2000 per system, per occurrence. The Contractor shall not classify response to alarms associated with HVAC/R as trouble calls, exclusive of Utility Control System monitoring hardware. The Contractor shall respond to emergency situations with correct repair so scheduled test programs will not be delayed. Work shall conform to Federal and state Codes, EPA standards, OSHA regulations, and ASHRAE requirements. The HVAC systems and equipment the Contractor shall operate includes, but is not limited to, those identified in Attachments J-24, J-25, and J-6. Failure of the Government to supply water, fuel, or electricity for plant operations will relieve the Contractor of responsibility of operations during the time period the

Government is remiss in these supply functions. If interrupted by the Government, the Contractor shall return the HVAC/R system on-line within two (2) hours of re-establishment of Government service. The Government will provide the Contractor all operational procedures that are presently available for MSFC HVAC/R systems. It is understood that all critical and comfort environments shall be maintained within assigned set points and related dead bands. Furthermore, no routine visits by operators will be necessary if the zone environmental parameters are within assigned guidelines. Comfort zones shall be maintained in accordance with Paragraph 12.5.F.

- S. Contract Element (CLIN – 00X1.1219) DXAC/Heat Pump Unit PM. The Contractor shall perform PM on the DXAC/heat pump units included in Attachments J-24 and J-6. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- T. Contract Element (CLIN – 00X1.1220) Computer Room Unit PM. The Contractor shall perform PM on the computer room units included in Attachments J-24 and J-6. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- U. Contract Element (CLIN – 00X1.1221) Backflow Preventer PM. The Contractor shall perform PM on the back-flow preventers included in Attachments J-24 and J-6. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- V. Contract Element (CLIN – 00X1.1222) Air Filter PM. The Contractor shall perform PM on the filters included in Attachments J-24 and J-6. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- W. Contract Element (CLIN – 00X1.1223) Hot Water Pump PM. The Contractor shall perform PM on the hot water pumps included in Attachments J-24 and J-6. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- X. Contract Element (CLIN – 00X1.1225) Coil Cleaning. The contractor shall establish a program to clean all heating and cooling coils. The program shall clean the interior and exterior of all coils every five years (approximately 20% of the coils each year). The Contractor shall enter all coils into the CMMS equipment database. A list of air handlers is shown in Attachment J-22. There are approximately 1264 reheat coils that are not listed. If the number of reheat coils varies more than 3% there will be an equitable adjustment made.

12.3 **DOCUMENTATION AND REPORTING REQUIREMENTS**

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.
- C. Contract Element (CLIN – 00X1.1224) Refrigerant Recovery Management Plan. The Contractor shall have a Refrigerant Management Plan in which all CFC and HCFC refrigerants are tracked, inventoried, preserved, and recovered for reuse. A status shall be maintained and continuously updated on the CMMS. The plan shall also include servicing records for all equipment containing 50 pounds or more of CFC refrigerant which detail the amount of refrigerant added to equipment as well as the service date. The Contractor shall establish the baseline full charge amount for this equipment and calculate an annualized leak rate. Leaks shall be repaired if the annualized leak rate exceeds ten percent of the baseline full charge amount.

12.4 **IDIQ WORK**

IDIQ work will be ordered in accordance with Paragraph 1.6 IDIQ Work, and may be ordered for any facility involving HVAC/R and Boiler Maintenance and Repair. Maintenance and repair IDIQ work shall be completed within the number of days specified on the FWR or DO.

12.5 **DETAILED REQUIREMENTS**

The Contractor shall accomplish the following detailed specifications and requirements in accomplishing work required by this work paragraph:

- A. Safety. The Contractor shall abide by all local, state and Federal regulations in the respect to personnel safety and in accordance with the Contractors approved Safety and Health plan.
- B. Interferences. The Contractor shall remove and reinstall interferences necessary to accomplish work required by this work paragraph.
- C. Forms. The Contractor shall obtain, fill-out, and adhere to all NASA MSFC required permit forms including , but not limited to, burn permit, confined space entry permit, dig permit, and all lock-out, tag-out procedures in accordance with the Contractors approved Safety and Health plan.

- D. Shut-down of Heating and Air Conditioning Equipment. Prior approval shall be obtained from an authorized representative for unscheduled work requiring shutdown of any equipment for over 60 minutes during core work hours, except for an emergency. Whenever possible, maintenance requiring shutdown of equipment for more than 60 minutes shall be performed when winter heating or summer air conditioning is not required.
- E. Operation of Certified Boilers. The Contractor shall not operate any power or heating boiler that does not have a valid annual State Inspection Certificate for which the Contractor shall be responsible. The COTR shall be notified if unsafe conditions are found following repair of a pressure part, after any major modification to boilers, control equipment, or associated components. The affected equipment shall not be placed back in operation until written authorization is received from the Government.
- F. Temperature Settings for HVAC/R Equipment and Systems. The Contractor shall maintain temperature settings for HVAC/R equipment and systems during performance of work as specified herein. The majority of buildings shall be maintained at a comfortable heating temperature range of between 68 degrees F to 72 degrees F and a comfort cooling range of between 72 degrees F and 74 degrees F as desired by the occupants and their requirements. However, the heating and cooling ranges are subject to change based on MSFC energy conservation goals. Attachment J-21 lists special temperature control requirements currently in force.
- G. Environmental Management Support. The Contractor shall handle all hazardous waste and environmental work associated with, or arising from, this work paragraph, in accordance with the requirements of Paragraph 6.0, Environmental Management Support.
- H. Pressure Testing. The Contractor shall accomplish pressure testing for leaks when repairs or alterations are made involving the integrity of refrigerant, steam, hot water, feed water, chilled water, condenser water, or make-up water systems while conducting maintenance or repair. If the repair is made to a buried section of the system, the pressure test shall be accomplished prior to covering the repair area.
- I. Structural Support Systems. The Contractor shall accomplish the repair or replacement of pipe hangers, supports, expansion loops, guy wires, anchor rods, screw anchors, turnbuckles, motor mounts, fasteners, and anchors while conducting maintenance and repair.
- J. Valves. The Contractor shall repair or replace deteriorated, damaged, and leaky valves, stems, disks, seals, packing, bonnets, and gaskets. If a valve requires disassembly for repair, the Contractor shall, while the valve is disassembled, clean the bonnet, lubricate the stem, and inspect the valve for signs of deteriorated or damaged packing and broken, bent, corroded, or missing parts. After the valve is restored, the Contractor shall apply system pressure to ensure all joints are sealed, and check for seat, body, and packing leaks, and check for proper operation, correcting any defects found. The Contractor shall apply anti-seize compound

conforming to gasket surfaces and moving parts. All valves under two (2) inches shall be replaced with new valves if found defective by the Contractor, not repaired.

- K. Expansion Joints. The Contractor shall accomplish the replacement of deteriorated, damaged, and leaky expansion joints, associated fasteners, and insulation. The new expansion joints shall be installed with new fasteners and insulation.
- L. Traps and Y-Type Strainers. The Contractor shall repair or replace all defective parts of traps and Y-type strainers such as baskets, plugs, gaskets, bellows, floats, valves, valve seats, hooks, buckets, linkages, and strainer orifices. If repair requires disassembly, the Contractor shall clean, inspect, and test the trap or strainer in the same manner as valves. The Contractor shall test traps and strainers to determine correct operation, without breaking insulation.
- M. Fasteners: Steam, Condensate, and Hot Water. When required by deterioration, damaged threads, missing fasteners or new installations, the Contractor shall remove the existing and or install new fasteners that conform to original requirements or MSFC Technical Specification for Construction and Repair (TSRC).
- N. Fasteners: Potable Water, Chilled Water, or Condenser Water. When required by deterioration, damaged threads, missing fasteners, or new installations, the Contractor shall remove the existing and or install new fasteners that conform to original requirements or TSRC.
- O. Gaskets. When required, the Contractor shall install new gaskets conforming to the manufacturer's specifications and or the latest code and industry standards for "boiler water sides" and "boiler fire sides". Apply high temperature anti-seize compound to boiler gasket mating surfaces. The Contractor shall install new gaskets conforming to original requirements or TSRC.
- P. Gauge and Thermometer Calibration. The Contractor shall insure all system gauges and thermometers are in good working order. The Government's Calibration Laboratory will be available should the Contractor elect to calibrate this equipment. Each gauge and thermometer shall be functional to allow safe operation of the system.
- Q. Water Treatment. The Contractor shall provide chemical water treatment to control corrosion, the growth of algae, viruses, and all other micro-biological growth to: steam and hot water boilers and their associated systems, chilled water systems, cooling towers and condenser water systems. Water treatment disposal shall be in compliance with the MSFC NPDES permit. Water treatment chemicals containing chromium or tributyltin shall not be used.
- R. Refrigerants. The Contractor shall accomplish the use, handling, holding, cleaning, disposal, modifying, repairing, and testing of all refrigerants and refrigerant

systems in accordance with all applicable Federal, state, local, EPA and ASHRAE regulations.

- S. Pipe Insulation. The Contractor shall repair or replace damaged pipe insulation as found or caused in accomplishing PM or repair. When repairing or replacing insulation, the Contractor shall inform their personnel of the possible hazards of asbestos and shall comply with the requirements in the Contractor's Safety and Health Plan and MSFC instructions. All replacement pipe insulation shall match existing insulation or be installed per TSRC.
- T. Painting. The Contractor shall prepare, prime, and paint all new and disturbed surfaces to match the surrounding surfaces, as a result of the requirements of this work paragraph in accordance with Paragraph 10.5.D, Painting, and Paragraph 6.0, Environmental Management Support, for disposal.
- U. Maintenance Requirements and Procedures. The Contractor shall maintain all equipment in optimum operating condition and control. All HVAC/R systems shall be operational, functional, and ready to respond to demand according to its design purpose and intent. Note - scheduled and planned outages for Buildings 4663 and 4207 will be very difficult to obtain and most likely will only be available during a holiday period such as Christmas. For any unscheduled or unplanned outages, the HVAC/R systems listed in Attachment J-10 shall be non-functional no greater than those occurrences and times specified in Attachment J-10, herein referred to as the "outage limit," except for scheduled or planned outages. For work that exceeds the TC limit, the time expended by the Contractor prior to the Contractor notifying the COTR of such condition shall be applied towards the outage limit. All other time will not be counted towards the outage limit for work exceeding the TC limit (reference note G. on the Systems Availability Requirements Table in Attachment J-10). Planned outages for maintenance and repair shall follow standard labor hours and practices per the Means® Facilities Maintenance and Repair Cost Data Handbook. Anytime exceeding published labor hours may count towards the outage limit.

Chillers shall be operated based on seasonal demand to provide for maximum chiller life and minimal operational costs. The maintenance procedures shall be prepared by the Contractor per the following order as applicable: (1) manufacturer's instructions; (2) industry standards and codes; (3) Federal, state, and local regulations; and (4) procedures outlined in NASA publications. The Contractor shall keep all records and procedures orderly, readily accessible, and simply referenced in such a manner to be quickly accessed by all authorized Government authorities at anytime. The Contractor shall provide the maintenance procedures in accordance with DRD 1197LS-011.

13.0 ELECTRICAL DISTRIBUTION AND EMERGENCY GENERATING SYSTEMS**13.1 GENERAL REQUIREMENTS**

- A. General. The Contractor shall provide all labor, management, supervision, tools, materials, equipment, incidental engineering, and transportation to operate, maintain and repair all low voltage electrical distribution systems, street and perimeter lighting systems, electrical support of the high voltage systems and emergency generation systems. The Contractor shall be directly responsible for: (1) emergency generators; (2) transformers; (3) uninterruptable power supplies (UPS); (4) switchgear; and (5) exterior and interior lighting systems, including but not limited to, office, street, flood, perimeter, emergency egress and security lighting; and (6) all facility internal and external low and medium voltage power distribution systems. Emergency egress lighting within facilities consists of approximately 1,230 lights. High voltage systems (above 600 Volts) will be maintained by the Army except as noted in Section 13.2.I.
- B. Emergency Requirements: Loss of Primary Power. Following a complete loss of primary power, the Contractor shall confirm that existing emergency generating equipment is on-line. The Contractor shall respond to the outage as an emergency trouble call (TC). After the Government has restored primary power the Contractor shall confirm that all emergency generating equipment has returned to normal which is still performed as part of the same TC.

13.2 LUMP SUM WORK

The following Contract Requirements shall be performed per the Performance Requirements Summary (PRS) Section E.9, at the frequencies or performance criteria specified within the contract requirement:

- A. Contract Element (Include in CLIN 00X1.0401) Trouble Calls (TC). The Contractor shall respond to and repair all inoperative electrical systems called in as a trouble call.
- B. Contract Element (CLIN - 00X1.1301) Fixed and Mobile Emergency Generator System PM. The Contractor shall perform PM on the emergency generator systems as shown in Attachments J-11 and J-24. The Contractor shall perform a visual inspection on all emergency generating equipment fuel oil tanks for material condition and adequate fluid levels. The Contractor shall ensure there is suitable fuel to operate all emergency generating equipment. The Contractor shall maintain and repair all monitoring systems on fuel tanks. The Contractor shall also inspect all monitors to determine if there is any inner tank leakage. If leakage is discovered the Contractor shall report their findings to NASA/Environmental Engineering and Occupational Health Office immediately. The Contractor shall maintain all fuel oil handling equipment including storage tanks, monitoring systems, pumps, piping, and heaters. The Contractor shall check proper operation of the generators by starting and running them until normal engine operating temperature is achieved. The frequency shall be measured for proper output (Refer

to Paragraph 13.5.D, Performance) for performance criteria. All PM activities shall be accomplished in compliance with the Contractor's PM plan.

- C. Contract Element (CLIN - 00X1.1302) Electrical Switchgear PM. The Contractor shall perform PM on all electrical switchgear. (Refer to Paragraph 13.5.D), Performance, for performance criteria. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- D. Contract Element (CLIN - 00X1.1303) Street and Perimeter Lighting PM. The Contractor shall inspect on a regular basis all street and perimeter lighting systems. Inspections shall take place after dark to locate inoperative fixtures. The Contractor shall relamp all burned out street and perimeter light fixtures and repair or replace all broken fixtures. Any inoperative fixtures reported to the Contractor by a TC shall be placed back in service within five working days from initial notification. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- E. Contract Element (CLIN - 00X1.1304) Mobile and Fixed Emergency Generator System Operation. The Contractor shall maintain the emergency generators as listed in Attachment J-11 in a ready state for use. The Contractor shall connect and disconnect, and operate portable generators during planned and unplanned power outages at various structures and remote locations when no normal source of power is available. Connection, disconnection and operation will be accomplished by TC, TCS or IDIQ. Government furnished portable generators shall be utilized. The Contractor shall provide emergency generators required by the Government in addition to the Government furnished generators under the indefinite quantity paragraph of this contract. (Refer to Paragraph 13.5.D.) Performance for performance criteria.
- F. Contract Element (CLIN – 00X1.1305) Uninterrupted Power Supply, Rectifiers, and Battery Bank PM. The Contractor shall perform PM on the uninterrupted power supply, rectifiers, and battery bank systems listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- G. Contract Element (CLIN - 00X1.1306) Special Electrical Power Systems Operation. The Contractor shall operate, repair, maintain, inspect, and modify special electrical and electronic controlled power distribution systems in Building 4487. Special power systems are capable of supplying two to four hundred Volts of DC power from six patch panels. Two hundred lead acid batteries and forty battery chargers are included in the special power systems.
- H. Contract Element (CLIN - 00X1.1307) Interior and Exterior Low and High Voltage Distribution System PM. The Contractor shall accomplish all electrical system PM in compliance with their PM plan. This shall include PT&I activities such as thermography to identify weak or failing system components.
- I. Contract Element (CLIN 00X1.1308) 4160-Volt Power Support. The Contractor shall perform operational support activities to service, maintain, repair and test

4160-Volt systems that are integral to the NASA MSFC systems. Typical systems throughout MSFC that the Contractor shall be responsible for include, but are not limited to, transfer switches, switchgear, and starters for chilled water system compressors, MSFC-owned 4160-Volt generators, transformers, and switchgear. The Contractor shall provide continuous maintenance support for all 4160-Volt outages that affect MSFC facilities. The Contractor shall ensure that affected parties are informed that power restoration is completed properly and that system configuration and integrity is not compromised at the conclusion of the work. The Contractor shall provide PM service and repair activities on MSFC-owned equipment. The Contractor's repair liability for servicing equipment and system components is limited to \$2000 per system, per occurrence. The repairs shall be accomplished on TC's or IDIQ's as required.

Additionally, the Contractor shall assist the Army Garrison High Voltage personnel involved with 4160-Volt Power equipment anomalies and scheduled power outages that affect NASA facilities. The Contractor is liable for support activities only on the Army Garrison-owned 4160-Volt systems.

- J. Contract Element (CLIN - 00X1.1309) Emergency Light PM. The Contractor shall inspect on a regular basis all emergency lighting systems. Emergency lights, as identified in NFPA Life Safety Code 101, shall be maintained in accordance with the Life Safety Code. Emergency lights that do not meet the definition of the Life Safety Code shall be maintained in accordance with Paragraph 4.0, Trouble Calls. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- K. Contract Element (CLIN - 00X1.1310) Variable Speed Drives PM. The Contractor shall perform PM on all variable speed drives listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- L. Contract Element (CLIN - 00X1.1311) Static Ground and Lightning Protection PM. The Contractor shall perform PM on all static ground and lightning protection systems listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.
- M. Contract Element (CLIN - 00X1.1312) Storage Tank Monitor PM. The Contractor shall perform PM on all storage tank monitors listed in Attachment J-24. All PM activities shall be accomplished in compliance with the Contractor's PM plan.

13.3 DOCUMENTATION AND REPORTING REQUIREMENTS

- A. Contract Element (Include in CLIN - 00X1.0306) Computerized Maintenance Management System (CMMS) Operations and Management. The Contractor shall continuously update the CMMS to reflect any and all equipment failures and corrective actions taken. All data shall be accurate and current.
- B. Contract Element (CLIN - 00X1.1014) Maintenance Procedures. The Contractor shall provide maintenance procedures in accordance with DRD 1197LS-011. The

Contractor shall update and revise all maintenance procedures on a continuing basis as required by physical changes at no additional cost to the Government (See Paragraph 10.5.E, Maintenance Requirements and Procedures). Maintenance procedures shall be maintained in the TRL.

13.4 **IDIQ WORK**

Indefinite quantity work will be ordered in accordance with Paragraph 1.6, IDIQ and completed within the number of calendar or workdays specified in the FWR or DO.

13.5 **DETAILED REQUIREMENTS**

- A. Emergency Generators. The Contractor shall make all necessary repairs to emergency generating equipment and ancillary component equipment, including diesel engines on a priority basis. The Contractor shall work continuously to repair the disabled system and shall provide the COTR with daily reports of progress until all repairs and tests are complete. The Contractor shall turn in used oil in containers to the hazardous waste storage facility.
- B. Batteries and Battery Charters. The Contractor shall maintain, repair, or provide labor to order and replace batteries and battery chargers of 12 and 24 Volts on emergency generators and up to 550 Volts for UPS systems. All batteries in service shall be maintained in a 100 percent working order.
- C. Storage Batteries. The Contractor shall maintain, repair, or replace batteries in storage per the manufacturer's recommendations.
- D. Performance. All equipment shall be operational, functional, and ready to respond to demand according to its design purpose and intent except for scheduled or planned outages. Note: Scheduled and planned outages for Buildings 4663 and 4207 will be very difficult to obtain and most likely will only be available during a holiday period such as Christmas. For unscheduled and unplanned outages, the electrical systems listed in Attachment J-10 shall be non-functional no greater than those occurrences and times specified in Attachment J-10, herein referred to as the "outage limit," except for scheduled or planned outages. For work that exceeds the TC limit, the time expended by the Contractor prior to the Contractor notifying the COTR of such condition shall be applied towards the outage limit. All other time will not be counted towards the outage limit for work exceeding the TC limit (reference note G on the Systems Availability Requirements Table in Attachment J-10). Planned outages for maintenance and repair shall follow standard labor hours and practices per the Means® Facilities Maintenance and Repair Cost Data Handbook. Anytime exceeding published labor hours may count towards the outage limit.
- E. All replacement electronic equipment (for example, electronic ballasts, variable frequency drives) shall have a total harmonic distortion (THD) of ten percent or less.

14.0 EMERGENCY MANAGEMENT SUPPORT**14.1 GENERAL REQUIREMENTS**

The Contractor shall provide personnel to support the MSFC emergency program. It is expected that personnel on staff will be trained to perform this function and no additional personnel will be required.

14.2 LUMP SUM WORK

The following Contract Requirement shall be performed per the Performance Requirements Summary (PRS) Section E.9, at the frequencies or performance criteria specified within the contract requirement:

Contract Element (CLIN - 00X1.1401) Damage and Utility Control (DUC) Team. The Contractor shall respond to all emergencies and disasters at MSFC as part of the emergency response efforts for all facilities and equipment for which the Contractor has maintenance and/or repair responsibilities as directed by the Emergency Management Director (EMD). The Contractor shall provide a core complement of personnel that are trained in emergency response as damage and utility control specialists. This team will be referred to as the Damage and Utility Control Team (DUC Team) and will be responsible for isolating and making safe utilities such as electrical power, steam, natural gas, and water during emergency/disaster situations as well as helping to mitigate any additional damages. The team shall receive its directions from either the Incident Commander, EMD or Deputy EMD, or their designee during emergency situations. The Contractor shall determine the number of personnel that are trained as DUC Team members.

The Contractor shall respond to all major emergency/disaster events on a 24-hour, seven (7) day per week basis. The Contractor shall handle each event as an emergency TC with the corresponding limitations. Remaining work shall be accomplished at the Government's discretion per Paragraph 1.6, IDIQ Work. Historically, less than (5) five emergency/disaster situations occur per year.

DUC Team members shall be trained in Hazardous Waste Operations and Emergency Response (HAZWOPER), Incident Command, how to safely approach an emergency situation/disaster scene, and shall be totally familiar with utility cutoff procedures and locations for each facility/structure at MSFC. See Paragraph 6.0, Environmental Management Support for training.

(End of Attachment)

DATA PROCUREMENT DOC.
NO. ISSUE
1197 RFP

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CONTRACT/ RFP

EXHIBIT NUMBER

J-2

ATTACHMENT NUMBER

Center Operations Support Services (COSS)

PROJECT/ SYSTEM

DATA PROCUREMENT DOCUMENT

Contractor

CONTRACTOR

November 21, 2007

DATE

National Aeronautics and
Space Administration

National Aeronautics and Space Administration					DATA PROCUREMENT DOC.	
<i>DOCUMENT CHANGE LOG</i>					NO. ISSUE	
					1197 RFP	
INCORPORATED REVISIONS OUTSTANDING REVISIONS				ASOF: 11-21-07		SUPERSEDING: PAGE:
AUTHORITY (DPD Revision)	PORTION AFFECTED - PAGE NO./ NO.				REMARKS	
	INTRO	SGR	DRL	DRD		

MSFC - Form 3461-1 (Rev. September 2007)

1.0 INTRODUCTION

1.1 Scope: Subject to the Rights in Data clause, this Data Procurement Document (DPD) sets forth the data requirements in each Data Requirements Description (DRD) and shall govern that data required by the DPD for the contract. The contractor shall furnish data defined by the DRD's listed on the Data Requirements List (DRL) by category of data, attached hereto, and made a part of this DPD. Such data shall be prepared, maintained, and delivered to NASA in accordance with the requirements set forth within this DPD. In cases where data requirements are covered by a Federal Acquisition Regulation (FAR) or NASA FAR Supplement (NFS) clause, that clause shall take precedence over the DPD, consistent with clause FAR 52.215-8.

1.2 DPD Description: This DPD consists of a Document Change Log, an Introduction, a Statement of General Requirements, DPD maintenance procedures, a DRL, and the DRD's.

1.2.1 General Requirements: The general requirements, as specified in paragraph 2.0 of this DPD, prescribe those requirements applicable to the preparation, maintenance, and delivery of data that are better defined in aggregate than in the individual DRD's.

1.2.2 Data Requirements List (DRL): Throughout the performance of the contract, the DRL provides a listing by data category of the data requirements of the DPD.

1.2.3 Data Requirements Descriptions (DRD's)

1.2.3.1 Each data requirement listed on the DRL is given complete definition by a DRD. The DRD prescribes content, format, maintenance instructions, and submittal requirements.

1.2.3.2 For the purpose of classification and control, DRD's of this DPD are grouped into the following broad functional data categories:

<u>CATEGORY SYMBOL</u>	<u>DESCRIPTION</u>
CD	Contractual Data
EE	Environmental Engineering
LS	Logistics Support
MA	Management
QE	Quality
SA	Safety

1.2.3.3 The symbols representing these data categories form part of the prefix of the DRD identification number. The first numerical characters reflect the DPD number.

1.2.3.4 To facilitate the usage and maintenance of the DPD, the DRD's have been sectionalized in accordance with the above data categories.

1.2.3.5 The DRD's are filed by data category and are in alpha-numeric sequence as listed on the DRL page (or pages) that precedes the DRD's.

1.2.4 Document Change Log (DCL): The Document Change Log chronologically records all revision actions that pertain to the DPD.

1.2.5 DPD Maintenance Procedures: Maintenance procedures define the detailed methods to be employed in maintaining the DPD. Detailed maintenance procedures are specified in paragraph 3.0 of this DPD.

- 1.3 Data Types for Contractual Efforts: The types of data and their contractually applicable requirements for approval and delivery are:

<u>TYPE</u>	<u>DESCRIPTION</u>
1*	All issues and interim changes to those issues require written approval from the requiring organization before formal release for use or implementation.
2*	NASA reserves a time-limited right to disapprove in writing any issues and interim changes to those issues. The contractor shall submit the required data to NASA for review not less than 45 calendar days** prior to its release for use. The contractor shall clearly identify the release target date in the "submitted for review" transmittal***. If the data is unacceptable, NASA will notify the contractor within 45 calendar days** from the date of submission, regardless of the intended release date***. The contractor shall resubmit the information for reevaluation if disapproved. The submittal is considered approved if the contractor does not receive disapproval or an extension request from NASA within 45 calendar days**.
3	These data shall be delivered by the contractor as required by the contract and do not require NASA approval. However, to be a satisfactory delivery, the data shall satisfy all applicable contractual requirements and be submitted on time.
4	These data are produced or used during performance of the contract and are retained by the contractor. They shall be delivered only when NASA requests in writing and shall be delivered in accordance with the instructions in the request. The contractor shall maintain a list of these data and shall furnish copies of the list to NASA when requested to do so.
5	These data are incidental to contract performance and are retained by the contractor in those cases where contracting parties have agreed that formal delivery is not required. However, the Contracting Officer or the Contracting Officer's Representative shall have access to and can inspect this data at its location in the contractor's or subcontractor's facilities, or in an electronic database accessible to the Government.
*	Note: Type 1 and Type 2 data may be placed under NASA configuration management control when designated by NASA. CM control requires the contractor to submit Type 1 and Type 2 data updates through Engineering Change Proposals (ECPs).
**	Note: This time limit may be tailored for individual DPD's to meet the requirements of the procuring activity.
***	Note: If the contractor does not identify a release target date or if the intended release date is shorter than 45 calendar days from the date of submission, the 45 calendar days review cycle stands (or the tailored Type 2 time limitation for the specific procurement).

2.0 STATEMENT OF GENERAL REQUIREMENTS

- 2.1 Applicable/Reference Documents: Documents included as applicable documents in this DPD are the issue specified in the Statement of Work, and form a part of the DPD to the extent specified herein. Applicable documents listed in Item 15.2 of a DRD are applicable only to the preparation of the deliverable documentation described by that DRD.

References to documents other than applicable documents in the data requirements of this DPD may sometimes be utilized, and shall be indicated in 13. Remarks of the DRD. These do not constitute a contractual obligation on the contractor. They are to be used only as a possible example or to provide related information to assist the contractor in developing a response to that particular data requirement.

2.2 Subcontractor Data Requirements

2.2.1 The contractor shall specify to subcontractors and vendors, if any, the availability source of all data required for the satisfactory accomplishment of their contracts. The contractor shall validate these requirements for documents when appropriate; where the requirement concerns other contractor data, the contractor shall provide his subcontractor or vendor with the necessary documents. All such requests shall be accomplished under the auspices of the contractor.

2.2.2 Reference to subcontractor data in the contractor's responses is permissible, providing the references are adequate and include such identification elements as title, number, revision, etc., and a copy of the referenced data is supplied with the response document at time of delivery to NASA.

2.3 Data Distribution, Format, Data Restriction Marking, and Transmittal

2.3.1 Distribution: Distribution of required documentation shall be in quantities determined by the Contracting Officer. Recipient names and email (if applicable) addresses shall be noted on a separate distribution list to be furnished by the Contracting Officer. The Contracting Officer's letter may include other information pertinent to delivery of data, as required.

2.3.2 Format

2.3.2.1 Electronic Format: Electronic submission of data deliverables is required. Electronic deliverables shall be printable. Data deliverables shall be delivered to NASA in the format specified below unless a specific format is required by a DRD. Data submittals shall consist of a single Adobe Acrobat PDF file and the native format electronic file(s). The preferred native formats include Microsoft Word, Excel, PowerPoint or CAD drawing plot file, as appropriate. Where a single native format file is not possible, multiple files may be integrated into a single ZIP file for submission. The organization of the contents of the integrated ZIP file shall be made readily apparent to the reader, and each file within the integrated product shall be clearly identifiable and traceable within the organization of the integrated product. If files are fragmented, file names shall be labeled logically and contiguously, and the files shall be easily reassembled or merged (e.g. 1 filename, 2 filename, 2a filename, etc.). The software versions shall be confirmed prior to submittals.

2.3.2.2 Hardcopy Format: In addition to the electronic submittal, one hardcopy package of specific data deliverables shall be delivered to the NASA Contracting Officer for the Government contract file. This requirement is indicated in Item 15.4, Format of each DRD. The hardcopy package shall consist of the contractor's Transmittal Memo and one copy of the data deliverable.

2.3.3 Data Restriction Marking

2.3.3.1 Data Restriction Determination and Marking Requirements: The contractor shall determine the data restriction that applies to each data deliverable and mark the data restriction on the data coversheet, or indicate the data restriction in the data transmittal package if the data format precludes identification of data restriction directly in the data. The contractor shall make a determination for each individual data deliverable item, and shall not apply a default or blanket data restriction marking to all data deliverables (e.g., "data may be export restricted"). If NASA does not agree with the contractor applied data restriction, the NASA Contracting Officer shall return the data to the contractor, cancel the markings, or ignore the markings consistent with the procedures set forth in the "data rights" clause(s) contained in the contract.

2.3.3.2 Data Restriction Categories and Marking Statements: The contractor shall consider the following data restriction categories, as a minimum, and utilize specified marking statements.

If data delivered under this contract is subject to the International Traffic in Arms Regulations (ITAR), the data shall contain an “ITAR Notice” as follows:

International Traffic in Arms Regulations (ITAR) Notice

This document contains information which falls under the purview of the U.S. Munitions List (USML), as defined in the International Traffic in Arms Regulations (ITAR), 22 CFR 120-130, and is export controlled. It shall not be transferred to foreign nationals, in the U.S. or abroad, without specific approval of a knowledgeable NASA export control official, and/or unless an export license/license exemption is obtained/available from the United States Department of State. Violations of these regulations are punishable by fine, imprisonment, or both.

If data delivered under this contract is subject to the Export Administration Regulations (EAR), the data shall contain the “EAR Notice” as follows:

Export Administration Regulations (EAR) Notice

This document contains information within the purview of the Export Administration Regulations (EAR), 15 CFR 730-774, and is export controlled. It may not be transferred to foreign nationals in the U.S. or abroad without specific approval of a knowledgeable NASA export control official, and/or unless an export license/license exception is obtained/available from the Bureau of Industry and Security, United States Department of Commerce. Violations of these regulations are punishable by fine, imprisonment, or both.

If the contract contains FAR 52.227-14 *Alternate II*, the “Limited Rights Notice” may be applicable to data (other than computer software) delivered under this contract.

If the contract contains FAR 52.227-14 *Alternate III*, the “Restricted Rights Notice” may be applicable to computer software delivered under this contract.

If the contract contains FAR 52.227-20, the “SBIR Rights Notice” may be applicable to SBIR data delivered under this contract.

If the contract contains NFS 1852.237-73, a sensitive information legend may be applicable to information delivered under this contract

In accordance with the applicable data clause (e.g., FAR 52.227-14(c) or FAR 52.227-20(c)), the contractor may be able to assert a copyright claim in data delivered under this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship (including contract number) to the data when such data are delivered to the Government.

2.3.4 Transmittal

2.3.4.1 Data shall be transmitted to NASA by email, CD or DVD, hardcopy, or other mechanism agreed to by the Contracting Officer, COTR, and Project representatives who are responsible to receive, index, and store the data deliverables.

2.3.4.2 If email is used to transmit data deliverables, the email size shall be 10 Megabytes or less to ensure receipt by the NASA email servers. Encrypted email format shall be used to transmit data which has been judged sensitive by the contractor (e.g., export controlled, limited rights data, SBIR, restricted computer software, copyrighted, etc.).

2.3.4.3 Data Transmittal Package: Each data transmittal package shall include:

- a. Transmittal memorandum that specifies the meta-data below for each data transmittal:
 1. Contract number.
 2. Data Requirements Description (DRD) number.
 3. DRD data type (specified in Item 3 on the DRD).
 4. Submission date or milestone being satisfied.
 5. Document number and revision.
 6. Document title.

7. File names of all files being delivered; file naming convention shall clearly identify the document being delivered.
 8. Distribution (as defined by the Contracting Officer's letter).
 9. Requested response date.
 10. Contractor assigned data restriction (export controlled, limited rights data, SBIR, restricted computer software, copyrighted, etc.) if not marked on data.
 11. NASA Records Retention Schedule (NRRS) number, if applicable. (See NPR 1441.1, NASA Records Retention Schedules)
- b. Printable electronic files or hardcopy data.
- 2.3.5 Use of the MSFC Documentation Repository: Marshall Policy Directive (MPD) 2210.1 specifies the requirements for utilizing the Documentation Repository. Electronic data deliverables should be transmitted directly to the Repository via a secure web page, available at <https://webpub.nis.nasa.gov/submittal/index.html>. Computer-Aided Design (CAD) drawings shall be submitted in the original native vector, Hewlett-Packard Graphic Language (HPGL) and raster image formats.
- 2.4 Printing: All printing, duplicating, or binding shall be in accordance with NFS 1852.208-81, Restrictions on Printing and Duplicating. Printing of formal reports and Type 1 and 2 data in book format shall be in accordance with the following general specifications:
- a. Method of reproduction – offset/xerography.
 - b. Finished size – 8 1/2" X 11".
 - c. Paper – 20-pound opaque bond.
 - d. Cover – Litho cover stock.
 - e. Pages shall be printed on both sides; blank pages shall be avoided when possible.
 - f. Oversize pages shall be avoided when possible, but if necessary shall be folded to 8 1/2" X 11".
 - g. Binding shall be the most economical method commensurate with the size of the report and its intended use.
- 2.5 Contractor's Internal Documents: The contractor's internal documents shall be used to meet the data requirements of this DPD unless a specific format is required by the applicable DRD.
- 2.6 Document Identification: Type 1 and 2 documents published by the contractor and submitted in response to the data requirements of this DPD shall be identified within an organized identification numbering system prescribed to NASA by the contractor and, if applicable, as approved by NASA. For all data types, the document number, change legend, date, and title constitute the minimum identification of the specific document and shall appear on the cover and title page. The contract number shall also appear on the cover and title page as separate markings. The originator and organization shall be included on the title page. The document number, change legend, and date shall appear on each page of the document. In the front matter of each document, identify the DPD number and applicable DRD number(s) required for document preparation. Successive issues or revisions of documents shall be identified in the same manner as the basic issue and shall have appropriate change identification. Drawings and ECP's are excluded from the marking provisions of this paragraph. All Type 1 documentation, excluding configuration management requirements, shall be marked "PRELIMINARY PENDING NASA APPROVAL," and once approved shall be reissued with "APPROVED BY NASA" and the date and approval authority annotated on the cover.
- 2.7 Reference to Other Documents and Data Deliverables in Data Submittals: All referenced documents shall be made readily available to the cognizant NASA organization upon request. The contractor should make sure that the references are available to NASA in a manner which does not incur delays in the use of the response document. Reference may be made, within one data submittal, to other data submittals delivered in response to this DPD in those cases where the data required by one DRD may have been delivered by the contractor in response to another DRD. The reference to previously-submitted data shall include the applicable DRD number, data submittal version date, and location within the referenced document.

2.8 Maintenance of Type 1 Document Submittals

- 2.8.1 Revisions of Type 1 documentation may be accomplished either by individual page revision or by a complete reissue of the document identified in accordance with requirements of 2.7 above, with the exception of drawings (which shall be revised in accordance with contract configuration management requirements).
- 2.8.2 Individual page revisions shall be made as deemed necessary by the contractor or as directed by the Contracting Officer.
- 2.8.3 A Type 1 document shall be completely reissued when, in the opinion of the contractor and/or NASA, the document has been revised to the extent that it is unusable in its present state, or when directed by the Contracting Officer. When complete reissues are made, the entire contents of the document shall be brought up to date and shall incorporate revised pages. All revisions shall be recorded. A revision log shall identify complete reissues except for periodic reports and documents which are complete within themselves as final.
- 2.8.4 Changes of a minor nature to correct obvious typing errors, misspelled words, etc., shall only be made when a technical change is made, unless the accuracy of the document is affected.
- 2.8.5 All revised pages shall be identified by a revision symbol and a new date. Each document shall contain a log of revised pages that identify the revision status of each page with the revision symbol. This list shall follow the table of contents in each document. The line or lines revised on a given page shall be designated by the use of vertical line in the margin of the page, and the change authority shall be indicated adjacent to the change.
- 2.8.6 Contractor Type 1 documents shall not be submitted containing pen and ink markups which correct, add to, or change the text, unless schedule problems exist and approval is obtained in writing from the Contracting Officer. Such markups, however, shall not exceed 20 percent of the page content and shall be acceptable provided that the reproduced copies are legible. In addition, hand-drawn schematics, block diagrams, data curves, and similar charts may be used in original reports in lieu of formally prepared art work, as long as legibility of copies is not impaired. Acceptability shall be determined by the Contracting Officer.

3.0 DPD MAINTENANCE PROCEDURES

- 3.1 NASA-Initiated Change: New and/or revised data requirements shall be incorporated by contract modification to which the new or revised portion of the DPD shall be appended. The contractor shall notify the Contracting Officer in the event a deliverable data requirement is imposed and is not covered by a DRD, or when a DRD is changed by a contract modification and for which no revision to DPD is appended. In such cases, the contractor shall submit the requested changes to NASA for approval. See paragraph 3.3.1 for change procedures.
- 3.2 Contractor-Initiated Change: Contractor-proposed data requirements or proposed changes to existing requirements shall be submitted to NASA for approval.
- 3.3 DPD Change Procedures
 - 3.3.1 Changes to a contractual issue of this DPD shall be identified by NASA on the Document Change Log.
 - 3.3.2 The date of the DPD shall be entered under the "as of" block of the Document Change Log. The date that was in the "as of" block shall be entered in the "Superseding" block.
 - 3.3.3 The Document Change Log entitled "Incorporated Revisions" shall be changed to indicate the modification number, portions affected, and remarks. All changes to the DPD/DRDs shall be identified in the "Remarks" column.

3.4 DPD Reissues

- 3.4.1 The DPD shall be reissued by NASA for each contract modification that affects the DPD and shall supersede the existing DPD in its entirety. Reissues shall be issued by contractual direction. The issue symbol, which shall commence with "A" and progress through "Z," shall be entered in the DPD identification block of each DRD page of the DPD.

Center Operations Support Services (COSS)

Data Requirements List

<u>DRD</u>	<u>DATA TYPE</u>	<u>TITLE</u>	<u>OPR</u>
CD- Contractual Data			
1197CD-001	2	Contract Information Technology (IT) Security Program Plan	IS10
EE – Environmental Engineering			
1197EE-001	2	Asbestos Control Manual	AS10
1197EE-002	2	Lead Program Plan	AS10
1197EE-003	3	Spill Response Team, Equipment and Supplies Listing	AS10
1197EE-004	3	State Indirect Discharge and National Pollutant Discharge Elimination System Monthly Report	AS10
1197EE-005	3	Asbestos and Lead Monthly Report	AS10
LS – Logistics Support			
1197LS-001	2	Government Property Management Plan	AS41
1197LS-002	2	Reliability Centered Maintenance Plan	AS20
1197LS-003	2	Annual Work Plan	AS20
1197LS-004	2	Boiler Certification Report	AS20
1197LS-005	2	Five Year Maintenance Plan	AS20
1197LS-006	3	Facility Condition Assessment Schedule and Reports	AS20
1197LS-007	3	Automatic Fire Sprinkler System Quarterly Report	AS20
1197LS-008	3	Facility Condition Assessment Project Recommendations Report	AS20
1197LS-009	3	Reliability Centered Maintenance Report	AS20
1197LS-010	3	Pre-flight Facilities Checkout Report	AS20
1197LS-011	2	Maintenance Procedures	AS20
1197LS-012	3	Headquarters Metrics Data	AS20
1197LS-013	3	Annual Crane and Hoist Inspection Report	AS20
1197LS-014	3	Annual Elevator Inspection Report	AS20
1197LS-015	3	Five Year Elevator Inspection Report	AS20
1197LS-016	3	IDIQ Schedule	AS20
MA – Management			
1197MA-001	3	Evaluation Period Status Report	AS20
1197MA-002	1	Management Plan	AS20
1197MA-003	3	Contractor Cost Report	CS40
1197MA-004	3	Badged Employee and Remote IT User Listing	AS50
1197MA-005	3	Contractor Employee Clearance Document	AS50
1197MA-006	3	Position Risk Designation for Non-NASA Employee	AS50
QE – Quality			
1197QE-001	3	Quality Control Plan (QCP) and QCP Quarterly Summary Report	AS20
SA – Safety			
1197SA-001	2	Safety, Health, and Environmental (SHE) Plan	AS10/QD50
1197SA-002	3	Mishap and Safety Statistics Reports	QD50
1197SA-003	2	Personnel Certification Plan	AS20
1197SA-004	3	Quarterly Contractor Safety Self-Evaluation Report	AS20

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197CD-001**
3. **DATA TYPE:** 2
4. **DATE REVISED:**
5. **PAGE:** 1/2
6. **TITLE:** Contractor Information Technology (IT) Security Program Plan
7. **DESCRIPTION/USE:** To ensure that the contractor fully understands their responsibility for information and information technology (IT) security as required in NFS 1852.204-76. This plan will describe the contractor's information technology security program that addresses the management, operational, and technical aspects of protecting the confidentiality, integrity and availability of information and information technology systems.
8. **OPR:** IS10 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** 30 days after contract award
12. **SUBMISSION FREQUENCY:** Revise after any significant changes. Review and update every three years.
13. **REMARKS:** The Federal Information Processing Standards (FIPS) Publication Series of the National Institute of Standards and Technology (NIST) is the official series of publications relating to standards and guidelines adopted and promulgated under the provisions of the Federal Information Security Management Act (FISMA) of 2002. FIPS Pub 200, Minimum Security Requirements for Federal Information and Information Systems, specifies minimum security requirements for information and information systems supporting the executive agencies of the federal government and a risk-based process for selecting the security controls necessary to satisfy the minimum security requirements.

The seventeen security-related areas to be addressed in the content of the Contractor IT Security Program Plan represent a broad-based, balanced information technology security program that addresses the management, operational, and technical aspects of protecting information and information technology systems. Additional information for these security-related areas can be found in FIPS Pub 200.
14. **INTERRELATIONSHIP:** PWS paragraph 1.4G.3
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The extent of the Contractor IT Security Program Plan can vary and shall be appropriate to comply with the breadth of sensitivity level security requirements for protecting information and information technology (IT) when the Contractor or its subcontractors must obtain physical or electronic access to NASA's computer systems, networks, or IT infrastructure, or where information is stored, generated, processed or exchanged by/with NASA or on behalf of NASA by a contractor or subcontractor, regardless of whether the information resides on a NASA or a contractor/ subcontractor's information system.
- 15.2 **APPLICABLE DOCUMENTS:**
NFS 1852.204-76 *Security Requirements for Unclassified Information Technology Resources (May 2007)*
- 15.3 **CONTENTS:** The Contractor IT Security Program Plan shall contain:
 - a. A brief description of the types of information that will be stored, generated, processed, or exchanged with NASA or on behalf of NASA during the performance of the contract. Provide the security categorization of the information (LOW, MODERATE, or HIGH). A description of the policy or procedure to ensure the return of all NASA information and IT resources provided to the contractor during the performance of the contract and certify that all NASA information has been purged from contractor-owned systems used in the performance of the contract.

DRD Continuation Sheet

TITLE: Contractor Information Technology (IT) Security
Program Plan

DRD NO.: 1197CD-001

DATA TYPE: 2

PAGE: 2/2

15. **DATA PREPARATION INFORMATION (CONTINUED):**

- b. A brief description regarding personnel (location, local or remote connections or access, privileged users, etc.) and the IT resources (NASA provided or contractor-owned) and environments utilized in the support of the work to be performed and their access to information identified.
- c. A brief description of policy or procedure that ensures the contractor inserts NFS 1852.204-76 in all subcontracts as required.
- d. Provide a description of each of the security-related areas (see Remarks) with regard to policies and procedures of the contractor's enterprise-wide information technology security program protecting the confidentiality, integrity, and availability of information and information technology systems.
 - 1. Management.
 - (a) Certification, Accreditation, and Security Assessments.
 - (b) Planning.
 - (c) Risk Assessment.
 - (d) Systems and Services Acquisition.
 - 2. Operational.
 - (a) Awareness and Training.
 - (b) Configuration Management.
 - (c) Contingency Planning.
 - (d) Incident Response.
 - (e) Maintenance.
 - (f) Media Protection.
 - (g) Physical and Environmental Protection.
 - (h) Personnel Security.
 - (i) System and Information Integrity.
 - 3. Technical.
 - (a) Access Control.
 - (b) Audit and Accountability.
 - (c) Identification and Authentication.
 - (d) System and Communications Protection.

NOTE: Any security-related area not currently implemented in the Contractor's IT security program shall be identified and the contractor's plan of action for implementation shall be explained.

15.4 **FORMAT:** Contractor format is acceptable and shall be consistent with contents of paragraph 15.3d of this DRD.

15.5 **MAINTENANCE:** Changes shall be incorporated by change page or complete reissue.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197EE-001**
3. **DATA TYPE:** 2
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Asbestos Control Manual
7. **DESCRIPTION/USE:** To provide documentation of the contractor's asbestos control program.
8. **OPR:** AS10 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** 30 calendar days after contract award
12. **SUBMISSION FREQUENCY:** Annually; update on anniversary of Authority to Proceed (ATP)
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 6.3B.1
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Asbestos Control Manual documents the contractor's asbestos control program and activities.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Asbestos Control Manual shall contain:
 - a. Asbestos containing material log.
 - b. Notification of all work requiring notice broken down by actual abatement, spill cleanups, routine operations, and ceiling tile replacement.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1.	DPD NO.: 1197	ISSUE: RFP	2.	DRD NO.: 1197EE-002
3.	DATA TYPE: 2		4.	DATE REVISED:
			5.	PAGE: 1/1
6. **TITLE:** Lead Program Plan
7. **DESCRIPTION/USE:** To provide documentation of the contractor's lead control program.
8. **OPR:** AS10 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** 30 calendar days after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Annually; update on anniversary of ATP
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 6.3B.2
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Lead Program Plan documents the contractor's control of lead exposure and release.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Lead Program Plan shall address how the contractor plans to minimize worker and employee lead exposure and minimize lead releases to the environment during the abatement, removal or disturbance of paints and materials containing lead or other regulated heavy metals.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197EE-003**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Spill Response Team, Equipment and Supplies Listing
7. **DESCRIPTION/USE:** To provide current information about people, equipment and materials available for spill response.
8. **OPR:** AS10 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** March 1 after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Annually; by March 1, or as requested by the Environmental Engineering Department
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 6.3A.1
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Spill Response Team, Equipment and Supplies Listing provides spill response team and equipment/materials available to respond to spills.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Spill Response Team, Equipment and Supplies Listing shall contain:
 - a. Names of individual spill response team members.
 - b. Training credentials for spill response team members.
 - c. Equipment available for spill response.
 - d. Stock available for spill response.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197EE-004**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/1

6. **TITLE:** State Indirect Discharge and National Pollutant Discharge Elimination System Monthly Report
7. **DESCRIPTION/USE:** To provide data about stormwater treatment and pollutant discharge.
8. **OPR:** AS10 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Five calendar days following the first full month after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Monthly; five calendar days following the month being reported
13. **REMARKS:**
14. **INTERRELATIONSHIP:** SOW paragraph 10.2H
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The State Indirect Discharge and National Pollutant Discharge Elimination System Monthly Report summarizes treatment of stormwater and pollutants discharged.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The State Indirect Discharge and National Pollutant Discharge Elimination System Monthly Report shall summarize the pH, flow and gallons treated or discharged by Discharge Serial Number (DSN).
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Asbestos and Lead Monthly Report 7. DESCRIPTION/USE: To provide asbestos and lead abatement information. 8. OPR: AS10 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: Fifteen calendar days following the first full month after Authority to Proceed (ATP) 12. SUBMISSION FREQUENCY: Monthly; fifteen calendar days following the month being reported 13. REMARKS: 14. INTERRELATIONSHIP: PWS paragraph 6.3B.3 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Asbestos and Lead Monthly Report provides details of asbestos and lead abatement and removal activities. 15.2 <u>APPLICABLE DOCUMENTS:</u> None 15.3 <u>CONTENTS:</u> The report shall include: a. Location where asbestos or lead abatement was performed [including Facility Work Request (FWR) number, building and room number]. b. Dates of abatement. c. Quantity and type of material removed. d. Dates of Alabama Department of Environmental Management (ADEM) or other environmental inspections. e. Copies of hand receipts for disposal of asbestos or hazardous waste drum numbers. f. List of tasks scheduled for the following month (including FWR numbers). g. Copies of ADEM asbestos notifications. 15.4 <u>FORMAT:</u> Contractor format is acceptable. 15.5 <u>MAINTENANCE:</u> None required	2. DRD NO.: 1197EE-005 4. DATE REVISED: 5. PAGE: 1/1

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197LS-001**
3. **DATA TYPE:** 2
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Government Property Management Plan
7. **DESCRIPTION/USE:** To describe the method of controlling and managing Government property.
8. **OPR:** AS41 9. **DM:** AS20
10. **DISTRIBUTION:** Cognizant property administrator
11. **INITIAL SUBMISSION:** Preliminary three months after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Final one year after ATP, revise as required
13. **REMARKS:** This document shall be the official contract requirements document for the control and identification of all Government property.
14. **INTERRELATIONSHIP:** PWS paragraph 1.7.1D
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Government Property Management Plan defines the Contractor's methods of care, accounting, and control of Government property.
- 15.2 **APPLICABLE DOCUMENTS:**

FAR NPR 5100.4B	<i>Federal Acquisition Regulation, Part 45</i> <i>Federal Acquisition Regulation Supplement, (NASA/FAR Supplement) Part 18-45</i> and latest revisions thereto
- 15.3 **CONTENTS:** The Government Property Management Plan shall satisfy the requirements of the documents listed in 15.2, and the contract. This plan shall consist of those procedures which constitute the Contractor's property management system and shall include the following categories:

a. Property management.	i. Reports.
b. Acquisition.	j. Consumption.
c. Receiving.	k. Utilization.
d. Identification.	l. Maintenance.
e. Records.	m. Subcontractor control.
f. Movement.	n. Disposition.
g. Storage.	o. Contract close-out.
h. Physical inventories.	
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** Changes shall be incorporated by change page or complete reissue.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 2*	2. DRD NO.: 1197LS-002 4. DATE REVISED: 5. PAGE: 1/1
6. **TITLE:** Reliability Centered Maintenance Plan
7. **DESCRIPTION/USE:** To provide the Contractor's reliability centered maintenance plan for collateral equipment at MSFC.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Within 60 days after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer
12. **SUBMISSION FREQUENCY:** Annually; update on anniversary of contract ATP
13. **REMARKS:** *Note to Data Type: The Government will review the plan within 10 working days of initial submittal. If there are no comments the Government will approve the plan. If the Government determines the plan to be unacceptable, a meeting will be held with the Contractor within the next 5 working days to resolve issues and make the plan acceptable to both parties.
14. **INTERRELATIONSHIP:** PWS paragraphs 1.5D.4 and 3.2D.3
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Reliability Centered Maintenance Plan represents the optimum mix of preventive maintenance, predictive test and inspection, programmed maintenance, and reactive maintenance the Contractor considers appropriate for minimizing repair requirements while maximizing the life span and performance of Center collateral equipment. The PM and PT&I job plans and intervals contained in the Computerized Maintenance Management System (CMMS) are an integral part of the RCM plan.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The contractor's initial Reliability Centered Maintenance Plan shall consider current preventive and predictive testing and inspection data.
The Preventive Maintenance Plan shall:
- a. Contain the Contractor's rationale for the plan based on the current preventive maintenance and predictive and testing inspection program data, manufacturer's recommendations, the Contractor's knowledge of best preventive maintenance practices, appropriate codes, and the use of reliability centered maintenance approaches.
 - b. Address predictive testing and inspection and programmed maintenance tasks as well as traditional preventive maintenance tasks.
 - c. Any PT&I tasks that are recommended shall satisfy the following additional criteria:
 1. There shall exist a clearly defined potential failure. The alarm level selected shall, for the applicable PT&I technology, be set to provide the longest P-F interval possible.
 2. There shall exist an identifiable P-F interval.
 3. The PT&I task interval shall be less than the shortest likely P-F interval.
 4. The shortest time between the discovery of a potential failure and the occurrence of the functional failure (the P-F interval minus task interval) shall be long enough for predetermined action to be taken to avoid, eliminate, or minimize the consequences of the failure mode.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 2*	2. DRD NO.: 1197LS-003 4. DATE REVISED: 5. PAGE: 1/1
6. **TITLE:** Annual Work Plan
7. **DESCRIPTION/USE:** To assemble historical information in order to provide an accounting of work performed and emerging trends
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** October 30 after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer
12. **SUBMISSION FREQUENCY:** Annually; by October 30 of each contract year, unless otherwise specified by the Contracting Officer
13. **REMARKS:** *Note to Data Type: The Government will review the plan within 10 working days of initial submittal. If there are no comments the Government will approve the plan. If the Government determines the plan to be unacceptable, a meeting will be held with the Contractor within the next 5 working days to resolve issues and make the plan acceptable to both parties. Note that obtaining utility, construction and capital investment data will require interfacing with other AS20 groups or Contractors.
14. **INTERRELATIONSHIP:** PWS paragraph 3.2C.2
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Annual Work Plan assembles and evaluates data for the previous fiscal year and proposes recommendations based on the data and trends.
- 15.2 **APPLICABLE DOCUMENTS:**
 NPR 8831.2 *Facilities Maintenance Management*
- 15.3 **CONTENTS:** The Annual Work Plan – Phase One shall meet the requirements of NPR 8831.2 and contain:
- a. Narrative of the Contractor's approach, analysis, and recommendations as related to the fiscal year data and emerging trends.
 - b. Graphical representation of funding by work type.
 - c. Spreadsheet that spreads cost by facility, structure, area, or other category by the following:
 1. Utilities (breakdown by each type of utility and the sum of all utilities).
 2. Lump sum maintenance cost (breakdown by work type and sum all work types).
 3. COSS maintenance performed by IDIQ (breakdown by work type and sum all types).
 4. Maintenance performed by construction IDIQ.
 5. Capital investment projects.
 6. Operational costs.
- 15.4 **FORMAT:** Contractor format is acceptable. Item 15.3c data shall be in spreadsheet format. Microsoft Excel is the preferred spreadsheet format.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Annual Boiler Certification 7. DESCRIPTION/USE: To document annual inspections of all boilers and code related piping. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than 30 days following completion of the boiler inspections. 12. SUBMISSION FREQUENCY: Annually; following completion of boiler inspection. 13. REMARKS: The Annual Boiler Inspection is required to be performed by a NBIC certified boiler inspector not employed by the contractor. 14. INTERRELATIONSHIP: PWS paragraph 11.2F 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Annual Boiler Certification documents annual inspections required to determine that boilers and piping meet or exceed all American National Standards Institute (ANSI/NBIC) standards and American Society of Mechanical Engineers (ASME) codes relating to this type equipment. Each inspection shall encompass the pertinent requirements of applicable most recent and current ANSI/NBIC and ASME standards and regulations. 15.2 APPLICABLE DOCUMENTS: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">ANSI/NBIC NB-23</td> <td style="width: 50%;"><i>National Board Inspection Code (Latest Revision)</i></td> </tr> <tr> <td>ASME CSD-1-200X</td> <td>Controls and Safety Devices for Automatically Fired Boilers (Latest Revision)</td> </tr> </table> 15.3 CONTENTS: The Annual Report shall meet the following requirements: a. Document the independent inspector's qualifications. b. Provide a signed verification of certification for each piece of equipment which meets all requirements. c. Provide signed inspection summary reports for all equipment not in compliance with all requirements listing all deficiencies and specify applicable code sections. d. Provide verification of certification for equipment found deficient after deficiencies are corrected. e. Provide index with page number, building and equipment number as part of the inspection report. 15.4 FORMAT: Contractor format is acceptable. 15.5 MAINTENANCE: None required	ANSI/NBIC NB-23	<i>National Board Inspection Code (Latest Revision)</i>	ASME CSD-1-200X	Controls and Safety Devices for Automatically Fired Boilers (Latest Revision)	2. DRD NO.: 1197LS-004 4. DATE REVISED: 5. PAGE: 1/1
ANSI/NBIC NB-23	<i>National Board Inspection Code (Latest Revision)</i>				
ASME CSD-1-200X	Controls and Safety Devices for Automatically Fired Boilers (Latest Revision)				

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 2*	2. DRD NO.: 1197LS-005 4. DATE REVISED: 5. PAGE: 1/1
6. **TITLE:** Five-Year Maintenance Plan
7. **DESCRIPTION/USE:** To document the Contractor's proposal to project maintenance needs beyond the annual work plan.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** February 28 after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer.
12. **SUBMISSION FREQUENCY:** Annually; No later than February 28 of each contract year, unless otherwise specified by the Contracting Officer.
13. **REMARKS:** *Note to Data Type: The Government will review the plan within 10 working days of initial submittal. If there are no comments the Government will approve the plan. If the Government determines the plan to be unacceptable, a meeting will be held with the Contractor within the next 5 working days to resolve issues and make the plan acceptable to both parties.
14. **INTERRELATIONSHIP:** PWS paragraph 3.2C.3
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Five Year Maintenance Plan provides projected maintenance needs beyond those provided in the Annual Work Plans.
- 15.2 **APPLICABLE DOCUMENTS**
 NPR 8831.2 *Facilities Maintenance Management*
- 15.3 **CONTENTS:** The Five-Year Maintenance Plan shall meet the requirements of NPR 8831. 2 and contain:
- a. Approaches to control Backlog of Maintenance and Repair (BMAR) using the MSFC master plan and budget information provided by the Government.
 - b. Proposed maintenance changes to shift from time based preventive maintenance to condition based predictive testing and inspection.
 - c. Proposed schedule for long-term replacement of obsolete equipment.
 - d. Budget requirements to meet all proposals in the plan.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197LS-006**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/2
6. **TITLE:** Facility Condition Assessment Schedule and Reports
7. **DESCRIPTION/USE:** To identify and quantify facility conditions in order to support annual and five year work plans.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Facility Condition Assessment (FCA) Schedule: 30 calendar days after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer. FCA Report: Within 30 calendar days of the assessment completion date for the specific facility, as shown on the report schedule.
12. **SUBMISSION FREQUENCY:** FCA Schedule: Quarterly; update within 10 calendar days after end of fiscal quarter. FCA Report: 30 calendar days following the assessment completion date for the specific facility, as shown on the report schedule.
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraphs 3.2C.4 and 3.2C.5
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Facility Condition Assessment Schedule and Reports provides individual facility condition assessment planned completion dates for all MSFC facilities and the Center's infrastructure in such a way to insure a total assessment of MSFC within five years. The FCA reports provide results of completed assessments.
- 15.2 **APPLICABLE DOCUMENTS:**
MSFC Real Property Summary
- 15.3 **CONTENTS:** The Facility Condition Assessment Schedule and Reports shall contain:
 - a. Individual completion dates for all MSFC facilities and the Center's infrastructure.
 - b. Summary columns for BMAR using the system disciplines provided in the individual facility condition assessments.
 - c. Facility and infrastructure classification as shown in *MSFC Real Property Summary*.
 - d. Quarterly updates based on the fiscal year that reflect current BMAR based on the facility condition assessments that were completed in the previous quarter.
 - e. One-time BMAR inflation adjustment at the end of the fourth quarter for facilities that were not assessed in the fiscal year that has ended. The Government will reference the source of the inflation adjustment after contract award.

Individual Facility Condition Assessments Reports shall contain:

 - a. Narrative of the facility description and facility classification. Include a discussion of the components within the facility by discipline. Group components by architectural, mechanical, heating, ventilation and air conditioning (HVAC), or electrical disciplines, as appropriate.
 - b. Facility site plan.
 - c. Facility floor plan.
 - d. Narrative of the facility condition assessment procedure. This will include inspections and evaluations of available computerized maintenance management system data and the predictive testing and inspection data.

DRD Continuation Sheet

TITLE: Facility Condition Assessment Schedule and Reports

DRD NO.: 1197LS-006

DATA TYPE: 3

PAGE: 2/2

15. **DATA PREPARATION INFORMATION (CONTINUED):**

- e. Narrative of the assessment finding by component grouping with an overall adjective rating of those components. Components include, but not limited to, roofs, pumps, air conditioning, interior finishes, electrical devices and systems.
- f. Overall average rating for the facility.
- g. Evaluation for failure and failure consequences (risk assessment) to identify safety impacts for components rated as poor or replace. A safety impact (hazard to personnel or NASA property) must be identified to the COTR for appropriate action to alleviate the hazard.
- h. Summary BMAR estimate by discipline and a facility total BMAR for components rated as poor or replace.
- i. Individual discipline BMAR estimates that list components and their associated BMAR.
- j. List of discrepancies by discipline by location, discrepancy number, and recommendation.
- k. Discipline assessment that includes component identifier, description, location, year installed, age, life expectancy, projected replacement year, adjective assessment, discrepancy number if appropriate, and estimated repair or replacement cost for all components with a poor or replace adjective rating.
- l. Reliability centered maintenance (RCM) analysis for the facility which includes:
 - 1. RCM process description.
 - 2. Background information that includes failure criticality code and probability of failure code.
 - 3. Analysis by system by components within the system. This includes recommendations.
 - 4. A listing of all equipment analyzed including equipment identifier, description, failure criticality code, and probability of failure code.

15.4 **FORMAT:** Contractor format is acceptable.

15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 3. DATA TYPE: 3 6. TITLE: Automatic Fire Sprinkler System Quarterly Report 7. DESCRIPTION/USE: To verify automatic fire sprinkler systems are operational or system discrepancies are identified for resolution. 8. OPR: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: 10 calendar days following the end of the fiscal quarter after Authority to Proceed, unless otherwise specified by the Contracting Officer. 12. SUBMISSION FREQUENCY: Quarterly; 10 calendar days after the end of each fiscal quarter 13. REMARKS: 14. INTERRELATIONSHIP: PWS paragraph 8.3C 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Automatic Fire Sprinkler System Quarterly Report provides documentation verifying that automatic fire sprinkler systems are operational or identifies system discrepancies. 15.2 APPLICABLE DOCUMENTS: None 15.3 CONTENTS: The Automatic Fire Sprinkler System Quarterly Report shall contain: a. Reporting period. b. Facility numbers. c. System type. d. System status (in service/out of service) e. Preventive Maintenance (PM) identification number for all PM's performed. f. Discrepancies found during PM performance. g. Discrepancies resolutions. h. PM inspection date. i. Modifications or repairs performed or in progress. j. System deficiencies that have not been addressed.	2. DRD NO.: 1197LS-007 4. DATE REVISED: 5. PAGE: 1/1 9. DM: AS20
- 15.4 **FORMAT:** The report shall be in spreadsheet format. Microsoft Excel is the preferred format.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197LS-008**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Facility Condition Assessment Project Recommendations Report
7. **DESCRIPTION/USE:** To provide project recommendations lists based on facility condition assessment (FCA) findings.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** No later than 10 calendar days following the end of the first or third fiscal quarter after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer
12. **SUBMISSION FREQUENCY:** Biannually; no later than the 10 calendar days after the end of the first and third fiscal quarters
13. **REMARKS:** After initial submittal, the list shall be revised based on continuing FCA analysis combined with any Government direction associated with a specific Government need.
14. **INTERRELATIONSHIP:** PWS paragraphs 3.2C.6 and 5.0
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Facility Condition Assessment Project Recommendations Report provide the Contractor's recommendations for initiation of local construction projects or capital investment projects.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Facility Condition Assessment Project Recommendations Report shall contain the Contractor's recommendations for local construction or capital investment projects based on FCA findings. Each report shall contain:
 - a. List of 10 recommended projects that are estimated individually to be less than \$500,000 but total at least \$3,000,000.
 - b. List of 10 recommended projects that are estimated individually to exceed \$500,000 but total at least \$8,000,000.
 - c. Description of the recommended work associated with each project.
 - d. Preliminary project cost estimate for each project.
 - e. Completed project submittal forms provided by the Government.
- 15.4 **FORMAT:** Contractor format is acceptable for the initial list submittals. The Government will provide submittal forms for Government-selected projects.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Reliability Centered Maintenance Report 7. DESCRIPTION/USE: To provide documentation associated with reliability centered maintenance for collateral equipment. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: 10 calendar days following the second full month after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer 12. SUBMISSION FREQUENCY: Monthly; 10 calendar days following the end of each month 13. REMARKS: 14. INTERRELATIONSHIP: PWS paragraphs 3.2D.2 and 5.0 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Reliability Centered Maintenance Report provides documentation of the contractor's effort on RCM activities that include Failure Mode Effects Analysis (FMEA), root cause failure analysis, trend analysis, and the combined application of reactive, preventive, condition based, and proactive maintenance practice to achieve cost effective maintenance program. 15.2 <u>APPLICABLE DOCUMENTS:</u> None 15.3 <u>CONTENTS:</u> The Reliability Centered Maintenance Report shall contain: a. Identify inherent reliability problems by performing root cause failure analysis for equipments that experience 2 identical failure modes in 12 months duration. No more than four (4) root cause failure analysis are required per month. b. Based on the root cause failure analysis, propose changes in terms of maintenance practice, design/ installation standard, or supplier improvements. c. Proposed changes shall include supporting technical rationale and/or statistical data and be reported by equipment type, manufacturer, location, and function as appropriate. d. Perform Failure Mode Effect Analysis with respect to loss of system availability and facility availability for age exploration recommendations. e. Trouble Call Trends: Trend trouble calls by types of equipment (i.e. chillers, air compressors, pumps, etc) for duration of 24 months with illustrative diagram. f. Provide the following RCM metric data for all MSFC collateral equipment: 1. <u>Percent of Facility Availability (Target = 96%):</u> % = Hours the Facility is Available to Run at Capacity/Total Hours during the Reporting Time Period Note: Assume 12 hours per day, 5 days per week except for Buildings 4663, 4629, 4436, and 4207. Assume 24 hours per day, 7 days per week for these buildings. 2. <u>Percent of PM Completed (Target = 97%):</u> % = Number of PMs Completed/Number of PMs Scheduled 3. <u>Percent of PM Completed on Schedule (Target = 95%):</u> % = (PMs Completed on Schedule – PMs Completed Outside Time Band)/ PMs Completed	2. DRD NO.: 1197LS-009 4. DATE REVISED: 5. PAGE: 1/2

DRD Continuation Sheet**TITLE:** Reliability Centered Maintenance Report**DRD NO.:** 1197LS-009**DATA TYPE:** 3**PAGE:** 2/2

15. **DATA PREPARATION INFORMATION (CONTINUED):**

4. Percentage of Emergency Work (Target = 10% or less):
% = Emergency TCs/Total TCs
5. Percent of Equipment Covered by PT&I:
% = Number of Equipment Items in PT&I Program/Total Equipment Candidates for PT&I
6. Ratio of Emergency Work to PT&I and PM (Target = 20% or less):
% = Total Emergency TCs/Total PM and PT&I Work Orders Performed
7. Percent of Faults Found in Thermographic Survey (Target = 3% or less):
% = Number of Faults Found/Number of Devices Surveyed
8. Percent of Faults Found in Steam Trap Survey (Target = 10% or less):
% = Number of Defective Steam Traps Found/Number of Steam Traps Surveyed

15.4 **FORMAT:** Contractor format is acceptable.15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Pre-Flight Facilities Checkout Report 7. DESCRIPTION/USE: To evaluate the integrity of electrical and HVAC systems related to launch activities. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than five working days prior to the first flight after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer 12. SUBMISSION FREQUENCY: Five working days prior to each flight* 13. REMARKS: *Note: If flight is delayed more than 4 weeks, the pre-flight facilities checkout shall be repeated prior to the flight. 14. INTERRELATIONSHIP: PWS paragraphs 3.3 and 5.0 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Pre-Flight Facilities Checkout Report documents evaluation of the integrity of electrical and HVAC systems related to launch activities. 15.2 <u>APPLICABLE DOCUMENTS:</u> None 15.3 <u>CONTENTS:</u> The Pre-flight Facilities Checkout Report shall: a. Identify all electrical and HVAC equipment that relate to the flight and equipment location. b. Include flight readiness review tasks performed and recommended operating limits for each piece of equipment. c. Record actual operating conditions, personnel performing the inspection (by first initial and last name), and date the tasks were performed. d. Include explanations of exceptions that are outside of recommended operating limits. e. Include actions taken to insure that exceptions will not hamper flights. f. Prepare review certification sheet similar to the example in Attachment 1. 15.4 <u>FORMAT:</u> Contractor format is acceptable for checkout report. The review certification sheet shall be similar to the one provided in Attachment 1, with the exception of signature titles. 15.5 <u>MAINTENANCE:</u> None required	2. DRD NO.: 1197LS-010 4. DATE REVISED: 5. PAGE: 1/2

Attachment 1
FACILITIES TEST READINESS REVIEW CERTIFICATION

Based on a thorough engineering evaluation of all information relating to the readiness of Building (insert number), (insert general area) and Building (insert number), (insert general area), the utility systems supporting these areas are fully capable of supporting Shuttle Flight (insert number). (Insert one of the following, as appropriate.) No exceptions were found during the pre-flight facilities check out. The following exceptions were found and the actions taken to mitigate the exceptions or the rational for acceptance are described below.

Exception:

Mitigation or Rational For Acceptance:

Certified By:

Engineering Manager Date: _____

Program Manager Date: _____

Certification Date

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 2 6. TITLE: Maintenance Procedures 7. DESCRIPTION/USE: To provide maintenance procedures for electrical, fire and gas detection, mechanical, steam distribution and HVAC/R systems. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: 30 calendar days after Authority to Proceed (ATP) 12. SUBMISSION FREQUENCY: Update as required 13. REMARKS: 14. INTERRELATIONSHIP: PWS paragraphs 7.3B, 8.3B, 9.3B, 10.3B, 10.5E, 11.3B, 11.5R, 12.3B 12.5U and 13.3B 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Maintenance Procedures cover electrical, fire and gas detection, mechanical, steam distribution and HVAC/R systems. 15.2 <u>APPLICABLE DOCUMENTS:</u> None 15.3 <u>CONTENTS:</u> The Maintenance Procedures shall contain: a. Equipment operating procedures including start-up, on-line or running parameters, shutdown, emergency and lay-up procedures. b. Plant systems equipment preventive maintenance procedures and maintenance schedules. c. Troubleshooting procedures for major equipment and systems. d. Corrective maintenance and repair procedures. e. Clearly defined duties, responsibilities and qualifications for all maintenance personnel positions and supervision. 15.4 <u>FORMAT:</u> Contractor format is acceptable. 15.5 <u>MAINTENANCE:</u> The procedures shall be maintained electronically in the TRL.	2. DRD NO.: 1197LS-011 4. DATE REVISED: 5. PAGE: 1/1

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197LS-012**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/2
6. **TITLE:** Headquarters Metrics Data
7. **DESCRIPTION/USE:** To provide data for Headquarters metrics associated with maintenance activities.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** October 25 (or the first normal work day after the 25th) following Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer.
12. **SUBMISSION FREQUENCY:** October 25 or the first normal work day after the 25th
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 3.2F
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** Headquarter Metrics Data provide data related to maintenance activities for the previous fiscal year.
- 15.2 **APPLICABLE DOCUMENTS:**
NPR 8831.2 *Facilities Maintenance Management*
- 15.3 **CONTENTS:** The Headquarters Metrics Data shall meet the requirements of NPR 8831.2 and contain the data identified in Attachment 1.
- 15.4 **FORMAT:** The report shall be in spreadsheet format. Microsoft Excel is the preferred format.
- 15.5 **MAINTENANCE:** None required

ATTACHMENT 1
HEADQUARTERS METRIC DATA

AGENCY PARAMETRIC MEASURES		UNIT	VALUE
	Facilities Sustainment Model (FSM) - FY06	\$M	
	Parametric Deferred Maintenance (DM) - FY06	\$M	
DATA INPUT FROM CENTERS			
1	Unconstrained Maintenance and Repair (M&R) Requirement, FY06 (Without CoF) (1) (5)	\$M	
2	Initial Operating Plan for Maintenance & Repair (M&R), FY06 (2)	\$M	
3	Actual Annual Maintenance and Repair (M&R) Funding (Without CoF)	\$M	
4	Cost of Scheduled Work (4)	\$M	
5	Cost of Unscheduled Work and Breakdown Repair	\$M	
6	Number of PT&I "Finds"	#	
7	Cost of Significant Failures from Constrained Resources (3)	\$M	
8	Reportable Incident Rate (RIR) (6)	*	
9	Lost Workday Case Incident Rate (LWCIR) (7)	*	
CALCULATED from DATA PROVIDED			
a.	Scheduled Maintenance Cost as a percentage of Total Maintenance Cost	%	
b.	Unscheduled Repair Cost as a percentage of Total Maintenance Cost	%	
c.	FY06 Total Site CRV	\$B	
d.	Initial Operating Plan as a percentage of CRV	%	
e.	Maintenance and Repair Funding as a percentage of CRV	%	
f.	Cost of Deferred Maintenance as a percentage of CRV	%	
ENERGY/UTILITY USAGE METRICS (Generated through HQ Energy Manager)			
11	Energy Used/Consumed		
12	Water Used/Consumed		
13	Natural Gas and Oil Used/Consumed		
NOTES			
(1)	The unconstrained Center-level funding amount that represents a manager's reasonable estimate of the full annual requirement that would maintain the Center's facility inventory in a "good commercial" level of condition, while not allowing DM to grow further, and providing a level of reliability that the supported programs find acceptable for their missions. A minor amount of DM reduction could be included in this figure.		
(2)	Initial Operating Plan for annual center-level maintenance & repair funding consisting of PM, PT&I, ROI, PGM, non-CoF repair, and TC.		
(3)	Due to or influenced by constrained resources (includes direct repair costs and other Center cost impacts).		
(4)	Scheduled Work consisting of PM, PT&I, PRM, ROI, and PT&I "Finds" repair costs.		
(5)	Annual Center-level M&R funding including PGM, PM, PT&I, ROI TC, and non-CoF repair.		
(6)	Reportable Incident Rate during FY06 for O&M and support services contracts. RIR = (Total annual # of injuries incurred x 200,000) /(Total annual # of hours worked).		
(7)	Lost Workday Case Incident Rate during FY06 for O&M and support services contracts. LWCIR represents the number of injuries and illnesses per 100 full-time equivalent workers and calculated as: (N/EH) x 200,000, where N = the number of injuries and illnesses, EH = the total hours worked by all employees during the calendar year, and 200,000 is the base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).		
*	Unitless measure		
ABBREVIATIONS			
\$B	Billions of Dollars		
CoF	Construction of Facilities		
DM	Deferred Maintenance		
FSM	Facilities Sustainment Model		
LWCIR	Lost Workday Case Incident Rate (aka DART, Days Away, Restricted, and Job Transfer)		
\$M	Millions of Dollars		
M&R	Maintenance and Repair		
PGM	Programmed Maintenance		
PM	Preventive Maintenance		
PT&I	Predictive Testing and Inspection		
RIR	Reportable Incident Rate		
ROI	Replacement of Obsolete Items		
TC	Trouble Call		

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Annual Crane and Hoist Inspection Report 7. DESCRIPTION/USE: To document annual inspections of all cranes and hoists. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than July 15 following completion of the first annual crane and hoist inspection performed after ATP. Crane and hoist inspections are to be performed annually during the month of June. 12. SUBMISSION FREQUENCY: Annually; following completion of crane and hoist inspection, but no later than July 15. 13. REMARKS: The Annual Crane and Hoist Inspection is required to be performed by a qualified inspector not employed by the contractor. 14. INTERRELATIONSHIP: PWS paragraphs 5.0 and 10.2M 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Annual Crane and Hoist Inspection Report documents annual inspections required to determine that cranes and hoists meet or exceed all Occupational Safety and Health Administration (OSHA) and American National Standards Institute (ANSI) standards relating to this type equipment. Each inspection shall encompass the pertinent requirements of applicable most recent and current OSHA and ANSI standards and regulations. 15.3 <u>APPLICABLE DOCUMENTS:</u> MWI 6430.1 <i>Lifting Equipment and Operations</i> NASA-STD-8719.9 <i>NASA Lifting Devices and Equipment</i> 15.3 <u>CONTENTS:</u> The Annual Crane and Hoist Report shall meet the requirements of MWI 6430.1 and NASA-STD-8719.9: a. Document the independent inspector's qualifications. b. Provide a signed verification of certification for each piece of equipment which meets all requirements, including hook inspection and wire rope or chain inspection results. c. Provide signed inspection summary reports for all equipment not in compliance with all requirements listing all deficiencies. d. Provide verification of certification for equipment found deficient after deficiencies are corrected. e. Provide, prepare, and affix a permanent certification sticker for each item of equipment which passes the inspection, as meeting all of the pertinent OSHA and ANSI standards. f. Provide index with page number, building and equipment number as part of the inspection report. 15.4 <u>FORMAT:</u> Contractor format is acceptable. 15.5 <u>MAINTENANCE:</u> None required	2. DRD NO.: 1197LS-013 4. DATE REVISED: 5. PAGE: 1/1

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Annual Elevator Inspection Report 7. DESCRIPTION/USE: To document elevator inspection and dumbwaiter inspections required by ANSI/ASME A17.1. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than January 31 following completion of the first annual elevator inspection performed after ATP. Elevator inspections are to be performed annually during December and January. 12. SUBMISSION FREQUENCY: Annually; following completion of elevator inspection, but no later than January 31. Separate annual elevator inspection reports are not required when five-year elevator inspections are performed. 13. REMARKS: The Annual Elevator Inspection is required to be performed by a certified inspector not employed by the contractor. 14. INTERRELATIONSHIP: PWS paragraphs 5.0 and 10.2N 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Annual Elevator Inspection Report documents the result of the inspections and test required to be performed as set forth in ANSI/ASME A17.1, A17.2 and A17.3. 15.2 APPLICABLE DOCUMENTS: <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">ANSI/ASME A17.1</td> <td><i>Safety Code for Elevators and Escalators</i></td> </tr> <tr> <td>ANSI/ASME A17.2</td> <td><i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i></td> </tr> <tr> <td>ANSI/ASME A17.3</td> <td><i>Safety Code for Existing Elevators and Escalators</i></td> </tr> <tr> <td>ANSI/ASME QE1-1</td> <td><i>Standard for the Qualification of Elevators Inspectors</i></td> </tr> </table> 15.3 CONTENTS: The Annual Elevator Inspection Report shall: a. Document that the independent inspector performing the inspections is certified in accordance with ANSI/ASME QE1-1. b. Provide a list of elevators and dumbwaiters in compliance with all provisions set forth in ANSI/ASME A17.1. c. Provide a list of elevators and dumbwaiters requiring maintenance, repairs, replacement or adjustments necessary to meet ANSI/ASME A17.1 and specify specific applicable code section and rules of ANSI/ASME A17.1. d. Provide a list of elevators and dumbwaiters requiring improvement to meet new code changes, including a detailed list of these recommendations with ANSI rule guidelines references. e. Provide recommendations to improve overall elevator performance. f. Provide 6 inch by 9 inch certificate of inspection for each elevator or dumbwaiter for display in the elevator performance. g. Provide index with page number, building and equipment number as part of the inspection report. 15.4 FORMAT: Contractor format is acceptable. 15.5 MAINTENANCE: None required	ANSI/ASME A17.1	<i>Safety Code for Elevators and Escalators</i>	ANSI/ASME A17.2	<i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i>	ANSI/ASME A17.3	<i>Safety Code for Existing Elevators and Escalators</i>	ANSI/ASME QE1-1	<i>Standard for the Qualification of Elevators Inspectors</i>	2. DRD NO.: 1197LS-014 4. DATE REVISED: 5. PAGE: 1/1
ANSI/ASME A17.1	<i>Safety Code for Elevators and Escalators</i>								
ANSI/ASME A17.2	<i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i>								
ANSI/ASME A17.3	<i>Safety Code for Existing Elevators and Escalators</i>								
ANSI/ASME QE1-1	<i>Standard for the Qualification of Elevators Inspectors</i>								

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: Five Year Elevator Inspection Report 7. DESCRIPTION/USE: To document elevator inspection and dumbwaiter inspections required by ANSI/ASME A17.1. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than January 31, 2011, following completion of the first five-year elevator inspection performed after ATP. The first five-year elevator inspection is scheduled to be performed December 2010 through January 2011. 12. SUBMISSION FREQUENCY: Every five years. 13. REMARKS: The Five Year Elevator Inspection is required to be performed by a certified inspector not employed by the contractor. 14. INTERRELATIONSHIP: PWS paragraphs 5.0 and 10.2N 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Five Year Elevator Inspection Report documents the result of the inspections and test required to be performed as set forth in ANSI/ASME A17.1, A17.2 and A17.3. 15.3 APPLICABLE DOCUMENTS: <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">ANSI/ASME A17.1</td> <td><i>Safety Code for Elevators and Escalators</i></td> </tr> <tr> <td>ANSI/ASME A17.2</td> <td><i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i></td> </tr> <tr> <td>ANSI/ASME A17.3</td> <td><i>Safety Code for Existing Elevators and Escalators</i></td> </tr> <tr> <td>ANSI/ASME QEI-1</td> <td><i>Standard for the Qualification of Elevator Inspectors</i></td> </tr> </table> 15.3 CONTENTS: The Five Year Elevator Inspection Report shall: a. Document that the independent inspector performing the inspections is certified in accordance with ANSI/ASME QEI-1. b. Provide a list of elevators and dumbwaiters in compliance with all provisions set forth in ANSI/ASME A17.1. c. Provide a list of elevators and dumbwaiters requiring maintenance, repairs, replacement or adjustments necessary to meet ANSI/ASME A17.1 and specify specific applicable code section and rules of ANSI/ASME A17.1. d. Provide a list of elevators and dumbwaiters requiring improvement to meet new code changes, including a detailed list of these recommendations with ANSI rule guidelines references. e. Provide recommendations to improve overall elevator performance. f. Provide index with page number, building and equipment number as part of the inspection report. 15.4 FORMAT: Contractor format is acceptable. 15.5 MAINTENANCE: None required	ANSI/ASME A17.1	<i>Safety Code for Elevators and Escalators</i>	ANSI/ASME A17.2	<i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i>	ANSI/ASME A17.3	<i>Safety Code for Existing Elevators and Escalators</i>	ANSI/ASME QEI-1	<i>Standard for the Qualification of Elevator Inspectors</i>	2. DRD NO.: 1197LS-015 4. DATE REVISED: 5. PAGE: 1/1
ANSI/ASME A17.1	<i>Safety Code for Elevators and Escalators</i>								
ANSI/ASME A17.2	<i>Guide for Inspection of Elevators, Escalators, and Moving Walks</i>								
ANSI/ASME A17.3	<i>Safety Code for Existing Elevators and Escalators</i>								
ANSI/ASME QEI-1	<i>Standard for the Qualification of Elevator Inspectors</i>								

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3 6. TITLE: IDIQ Schedule 7. DESCRIPTION/USE: To provide a graphical schedule of approved IDIQ work. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: No later than 30 days following Authority to Proceed (ATP) 12. SUBMISSION FREQUENCY: Weekly 13. REMARKS: 14. INTERRELATIONSHIP: PWS paragraph 3.2C.7 15. DATA PREPARATION INFORMATION: 15.1 <u>SCOPE:</u> The IDIQ Schedule will provide a graphical schedule showing all approved IDIQ work. 15.4 <u>APPLICABLE DOCUMENTS:</u> NA 15.3 <u>CONTENTS:</u> The IDIQ Schedule shall meet the following requirements: a. The horizontal axis shall indicate time in appropriate increments. b. Each approved IDIQ shall be represented by a horizontal bar. c. Appropriate data for each IDIQ shall be included as approved by the Government. d. Explanation for all discrepancies such as delays or missed dates. e. Discussion of anticipated problems or delays and actions being taken to mitigate impacts. f. Impacts and proposed changes to schedule to accommodate Government priorities. 15.4 <u>FORMAT:</u> Contractor shall submit format for Government approval. 15.5 <u>MAINTENANCE:</u> None required	2. DRD NO.: 1197LS-016 4. DATE REVISED: 5. PAGE: 1/1

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3	2. DRD NO.: 1197MA-001 4. DATE REVISED: 5. PAGE: 1/4
6. **TITLE:** Evaluation Period Status Report
7. **DESCRIPTION/USE:** To provide documentation to the Contract Officer and Contract Officer's Technical Representative of firm fixed price and indefinite delivery indefinite quantity work performed during the evaluation period.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Eight calendar days following the end of the first full evaluation period after Authority to Proceed (ATP), unless otherwise specified by the Contracting Officer
12. **SUBMISSION FREQUENCY:** Eight calendar days following the end of each evaluation period
13. **REMARKS:** A Contractor and COTR representative shall meet informally prior to a Performance Evaluation Meeting to resolve all discrepancies between the Contractor's Evaluation Period Status Report and Government contract monitoring data. The Performance Evaluation Meeting shall be held based on a schedule mutually agreed to by the Contractor and the Contract Officer.
14. **INTERRELATIONSHIP:** PWS paragraphs 1.2A, 3.2E and 4.2G
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Evaluation Period Status Report provides data for the assessment of firm fixed price data, also referred to as lump sum data and indefinite delivery indefinite quantity data. These data are used to determine deductions associated with the performance period being evaluated and summarize the results of the entire contract work for the performance evaluation period.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Evaluation Period Status Report shall consist of two spreadsheets: (1) lump sum work performed and (2) completed indefinite delivery indefinite quantity data. The spreadsheets shall contain:
- a. Lump sum data:
 1. Contract line item number (CLIN).
 2. Contract requirements [Performance Requirements Summary (PRS Weight)].
 3. Quantity completed for period.
 4. CLIN value for period. Provide total CLIN value at end of column.
 5. Value per item (Value/Quantity) including value per item per weight ((Value/Quantity) *Weight)).
 6. Number of deficiencies.
 7. Acceptable Quality Level (AQL).
 8. AQL rating (Acceptable or Unacceptable).
 9. Value deducted per CLIN. Provide total value deducted at end of column.
 10. Sum of deductions.
 - b. Indefinite Delivery Indefinite Quantity Data:
 1. Facility Work Request (FWR) Number.
 2. FWR Description.
 3. FWR Value. Provide total FWR value at end of column.
 4. Partial payment. Provide total partial payment at end of column.

DRD Continuation Sheet**TITLE:** Evaluation Period Status Report**DRD NO.:** 1197MA-001**DATA TYPE:** 3**PAGE:** 2/4

15. **DATA PREPARATION INFORMATION (CONTINUED):**

5. Previous partial payment. Provide total previous partial payment at end of column.
6. FWR Deduction. Provide total FWR deduction at end of column.
7. Billable amount. Provide total billable amount at end of column.
8. NASA Project Manager.
9. Delivery Order Number.

15.4 **FORMAT:** The Evaluation Period Status Report shall be in two separate spreadsheets: (1) lump sum work and (2) IDIQ. Microsoft Excel is the preferred format for the spreadsheets. The report shall be formatted similarly to Attachments 1 and 2.

15.5 **MAINTENANCE:** None required

Attachment 2

INDEFINITE DELIVERY INDEFINITE QUANTITY DATA

[illegible]

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 1 6. TITLE: Management Plan 7. DESCRIPTION/USE: To provide a description of the Contractor's overall management and organization for accomplishing the requirements set forth in the contract. 8. OPR: AS20 9. DM: AS20 10. DISTRIBUTION: Per Contracting Officer's letter 11. INITIAL SUBMISSION: 5 working days after Authority to Proceed (ATP). Approved plan within 45 calendar days after the contract award date. 12. SUBMISSION FREQUENCY: Revise as required 13. REMARKS: The plan is based on selected portions of the management approach submitted with the Contractor's response to the Request for Proposal for this contract. 14. INTERRELATIONSHIP: PWS paragraph 1.2A 15. DATA PREPARATION INFORMATION: 15.1 SCOPE: The Management Plan shall describe, from an administrative and technical standpoint, how the Contractor intends to bring the services identified in the Performance Work Statement to full operational status, and the manner and means by which these services, once established, will be maintained. 15.2 <u>APPLICABLE DOCUMENTS:</u> None 15.3 <u>CONTENTS:</u> The Management Plan shall:	2. DRD NO.: 1197MA-002 4. DATE REVISED: 5. PAGE: 1/2
- a. Contain the Contractor's contract site organizational chart including the relationship to the corporate office and all subcontracting or teaming relationships.
 - b. Contain the rationale for the organizational structure. Rationale shall demonstrate an organized approach to:
 1. Integrated planning that includes interface for outage support and customer notification.
 2. Controls that include adherence to schedules and operational performance.
 3. Reports of contract activities.
 4. Interfaces for all other support activities identified in the Performance Work Statement (PWS).
 - c. Identify how the Contractor will plan, direct, control, and manage each of the services identified in the PWS.
 - d. Describe all manager functions, authority, and reporting structure.
 - e. Identify the access to corporate resources, the degree of local autonomy, and the authority of the on-site program manager.
 - f. Provide subcontractor management procedures used to plan, direct, control, and manage each work activity for each subcontract with a value over \$500,000.
 - g. Describe core values and correlation between those values and MSFC core values.
 - h. Provide the distribution of the work force to support MSFC 24 hours per day, 7 days per week, 365 days per year.
 - i. State the percentage of time each key person will devote to this contract.
 - j. Identify how the Contractor will identify and implement Contractor-provided training to insure personnel are qualified and adequately perform the services for the PWS.

DRD Continuation Sheet**TITLE:** Management Plan**DRD NO.:** 1197MA-002**DATA TYPE:** 2**PAGE:** 2/2

15. **DATA PREPARATION INFORMATION (CONTINUED):**15.4 **FORMAT**: Contractor format is acceptable.15.5 **MAINTENANCE**: Changes shall be incorporated by change page or complete reissue.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197MA-003**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/3
6. **TITLE:** Contractor Cost Report
7. **DESCRIPTION/USE:** To provide reports for monitoring contractor costs for fixed-price contracts.
8. **OPR:** CS40 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** After completion of first Performance Evaluation Meeting (PEM) following Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** After completion of each PEM
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 1.3
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Contractor Cost Report (CCR) provides contractor cost data for the performance evaluation period.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** Each Contractor Cost Report shall contain reports for both Lump Sum and H-Order/Indefinite Delivery Indefinite Quantity (IDIQ). The reports shall contain the data required by the formats in Attachments 1 and 2.
- 15.4 **FORMAT:** The CCR shall be submitted in hardcopy and electronic format (Microsoft Excel preferred) in accordance with Attachments 1 and 2. NOTE: Because of the early development stage of the Integrated Financial Management Program (IFMP), the contractor shall initially provide a hardcopy Contractor Cost Report (CCR). When IFMP is fully implemented, the contractor shall provide both electronic and hardcopy submission.
- 15.5 **MAINTENANCE:** None required

ATTACHMENT 1
Format for Lump Sum Contractor Cost Report

CONTRACTOR COST REPORT (LUMP SUM)							Reporting Period: XX/XX/XXXX thru XX/XX/XXXX	
TO: (name and address of recipient)				FROM: (name and address of submitter)			Voucher #	
							ODN #: (contract or purchase order)	
REPORTING CATEGORY								
	ALLOWABLE AMOUNT	PERFORMANCE DEDUCTIONS	BILLABLE AMOUNT	CUM THRU PRIOR MO.	CURRENT MONTH AMOUNT	CSI CUM TO DATE	FISCAL YR. CUM TO DATE	CONTRACT YR. CUM TO DATE
By CLIN (list each CLIN)								
CLIN Total								
Expenses								
Gas								
Telephones								
IT Support								
Miscellaneous								
Expense Total								
TOTAL (CLINs less expenses)								
Add Backs (list (Examples: interest or equitable adjustments)								
ADD BACK TOTAL								
TOTAL								

Legend:

CLIN Contract Line Item Number
 CSI Cost Since Inception
 CUM Cumulative
 IT Information Technology
 ODN Obligation Document Number

ATTACHMENT 2
Format for H-Order/Indefinite Delivery Indefinite Quantity (IDIQ) Contractor Cost Report

CONTRACTOR COST REPORT (H-ORDER/IDIQ)							Reporting Period: XX/XX/XXXX thru XX/XX/XXXX	
TO: (name and address of recipient)			FROM: (name and address of submitter)				Voucher #	
							ODN #: (contract or purchase order)	
REPORTING CATEGORY								
COMPLETIONS	APPROVED AMOUNT	PERFORMANCE DEDUCTIONS	BILLABLE AMOUNT	CUM THRU PRIOR MO.	CURRENT MONTH AMOUNT	CSI CUM TO DATE	FISCAL YR. CUM TO DATE	CONTRACT YR. CUM TO DATE
By FWR # (list each FWR)								
TOTAL COMPLETIONS								
PARTIAL PAYMENTS								
By FWR # (list each FWR)								
TOTAL PARTIAL PAYMENTS								
TOTAL H-Order								

Legend:

CSI Cost Since Inception
 CUM Cumulative
 FWR Facilities Work Request
 ODN Obligation Document Number

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3	2. DRD NO.: 1197MA-004 4. DATE REVISED: 5. PAGE: 1/1
6. **TITLE:** Badged Employee and Remote IT User Listing
7. **DESCRIPTION/USE:** To assist NASA in conducting contractor floor checks and to determine if the employees meet the minimum background investigation requirements.
8. **OPR:** AS50 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter. One copy shall go to MSFC Protective Services Office.
11. **INITIAL SUBMISSION:** No later than 10 working days after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Formal update quarterly and email changes as personnel changes occur to distribution. If deemed necessary by the Contracting Officer, the contractor shall submit the list at times other than stated.
13. **REMARKS:** Reference is made to Federal Acquisition Regulation (FAR) Clause, FAR 52.215-2, *Audit and Records--Negotiations* (June 1999), NPR 1600.1, *NASA Security Program Procedural Requirements*.
14. **INTERRELATIONSHIP:** PWS paragraph 1.4I.4
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Badged Employee and Remote IT User Listing provides NASA with a list of all MSFC badged contractor employees, as well as, any contractor remote IT users who will have access to the MSFC IT system.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Badged Employee and Remote IT User Listing shall include the following information for each employee: employee's full name (first and middle names must be birth names), last four digits of the Social Security Number (SSN), date of birth, place of birth, duty position, duty location (building/room number), shift assignment, and supervisor's name. Additionally, if applicable, the type of security background check already completed (NACLC or SSBI) and the date it was completed.
- 15.4 **FORMAT:** Contractor format using Excel Spreadsheet is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197MA-005**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Contractor Employee Clearance Document
7. **DESCRIPTION/USE:** To ensure that badged contractor employees who no longer require Center access properly clear all accounts when the access is no longer needed.
8. **OPR:** AS50 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Immediately when the access is no longer needed
12. **SUBMISSION FREQUENCY:** As required
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 1.4I.5
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Contractor Employee Clearance Document provides verification that all badged employees have properly cleared all accounts when the access is no longer needed.
- 15.2 **APPLICABLE DOCUMENTS:** None
- 15.3 **CONTENTS:** The Contractor Employee Clearance Document shall contain all the information required by MSFC Form 383-1.
- 15.4 **FORMAT:** MSFC Form 383-1, "Contractor Employee Clearance Document".
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. DPD NO.: 1197 ISSUE: RFP 3. DATA TYPE: 3	2. DRD NO.: 1197MA-006 4. DATE REVISED: 5. PAGE: 1/1
6. **TITLE:** Position Risk Designation for Non-NASA Employee
7. **DESCRIPTION/USE:** To ensure that contractor employees are screened to an appropriate risk determination in accordance with NPR 1600.1, *NASA Security Program Procedural Requirements*, Chapter 4.
8. **OPR:** AS50 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter. One copy shall go to MSFC Protective Services Office.
11. **INITIAL SUBMISSION:** No later than 10 working days after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Update as personnel or position changes occur
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraph 1.4I.6
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Position Risk Designation for Non-NASA Employee provides information necessary to determine the type of investigation required and how closely an individual is screened for a position.
- 15.2 **APPLICABLE DOCUMENTS:**
 NPR 1600.1 *NASA Security Program Procedural Requirements*
- 15.3 **CONTENTS:** The Position Risk Designation for Non-NASA Employee shall contain all the information required by NASA Form 1760 in accordance with NPR 1600.1, *NASA Security Program Procedural Requirements*.
- 15.4 **FORMAT:** NASA Form 1760, "Position Risk Designation for Non-NASA Employee".
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197QE-001**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/21
6. **TITLE:** Quality Control Plan (QCP) and QCP Quarterly Summary Report
7. **DESCRIPTION/USE:** To provide description of how the contractor intends to monitor work quality during the life of the contract and to provide documentation of quality control activities.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Quality Control Plan: Preliminary submittal as part of the Contractor's Technical Proposal submittal in response to the Request for Proposal. Approved QCP within 45 calendar days after contract award date. QCP Quarterly Summary Report: Within 10 calendar days following the end of the first contract quarter after Authority to Proceed (ATP).
12. **SUBMISSION FREQUENCY:** Quality Control Plan: Annually; update on contract anniversary date. QCP Quarterly Summary Report: Quarterly; 10 calendar days after end of contract quarter being evaluated.
13. **REMARKS:**
14. **INTERRELATIONSHIP:** PWS paragraphs 1.2B and 3.2A.2
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Quality Control Plan (QCP) and QCP Quarterly Summary Report identifies the methods or processes the Contractor will use to ensure quality requirements for each contract element are being met. The QCP Quarterly Summary Report provides details of quality control activities for the reporting period.
- 15.2 **APPLICABLE DOCUMENTS:**
ANSI/ISO/ASQ Q9001-2000 *American National Standard Quality Management Systems Requirements*
- 15.3 **CONTENTS:** The Quality Control Plan (QCP) and QCP Quarterly Summary Report shall contain:
 - a. The QCP shall:
 1. Address the Contractor's approach to ensuring quality control throughout each contract element.
 2. Discuss the Contractor's self-evaluation process.
 3. Identify approaches to meet applicable sections of ANSI/ISO/ASQ Q9001:2000 system related to facilities maintenance.
 4. Provide a description of the Contractor's quality system.
 5. Discuss obtaining and utilizing feedback from Center-wide customers to continuously evaluate the quality of products and services.
 - b. The QCP quarterly summary report shall provide:
 1. Quality inspections performed versus inspections scheduled.
 2. Details of all corrective actions taken and their completion date.
 3. Actions taken when the Acceptable Quality Level (AQL) is not met for any contract element in any performance evaluation period during the quarter.
 4. Extraordinary action to be taken when the Contractor fails to meet the AQL in two or more consecutive performance evaluation periods for the same contract element.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197SA-001**
3. **DATA TYPE:** 2
4. **DATE REVISED:**
5. **PAGE:** 1/4
6. **TITLE:** Safety, Health, and Environmental (SHE) Plan
7. **DESCRIPTION/USE:** To provide the contractor and the Government a baseline document to (1) prevent employee fatalities, (2) reduce the number of incidents, (3) reduce the severity of employee injuries and illnesses, and (4) protect the environment through the ongoing planning, implementation, integration and management control of the contractor's industrial safety, occupational health, and environmental program by compliance with the Marshall Space Flight Center (MSFC) SHE core program requirements in accordance with NFS 1852.223-73.
8. **OPR:** AS10/QD50 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Preliminary with proposal
12. **SUBMISSION FREQUENCY:** Ten days after Authority to Proceed (ATP); update as required
13. **REMARKS:**
14. **INTERRELATIONSHIP:** NFS 1852.223-70, *Safety and Health*; NFS 1852.223-73, *Safety and Health Plan*; FAR 52.223-4, *Recovered Material Certification*; FAR 52.223-5, *Pollution Prevention and Right-to-Know Information*; FAR 52.223-9, *Estimate of Percentage of Recovered Material Content for EPA-Designated Products*; FAR 52.223-10, *Waste Reduction Program*; FAR 52.223-11, *Ozone Depleting Substances*; FAR 52.223-12, *Refrigeration Equipment and Air Conditioners*; and FAR 52.223-14, *Toxic Chemical Release Reporting*. DRD 1197SA-002, *Mishap and Safety Statistics Report*. PWS paragraphs 1.4F.1 and 3.2A.1
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Safety, Health, and Environmental Plan shall describe the contractor's methods of planning, implementing and controlling their industrial safety, occupational health, and environmental requirements over the duration of the contract.
- 15.2 **APPLICABLE DOCUMENTS:** Compliance with the following Occupational Safety and Health Standards and applicable requirements shall be specified in the plan (if applicable to the scope of this contract).

29 CFR 1910	<i>Department of Labor; Occupational Safety and Health Administration Standards for General Industry</i>
29 CFR 1926	<i>Department of Labor; Occupational Safety and Health Administration Standards for Construction Industry</i>
40 CFR	<i>Protection of the Environment</i>
ANSI Standards applicable to the scope of this contract	
<i>ASME Boiler and Pressure Vessel Code</i> applicable to the scope of this contract	
NFPA Standards	<i>National Fire Codes</i>
NASA-STD-8719.11	<i>Safety Standard for Fire Protection</i>
NPR 8715.3	<i>NASA General Safety Program Requirements</i>
MPR 1040.3	<i>MSFC Emergency Plan</i>
MPD 1800.1	<i>MSFC Smoking Policy</i>
MPR 1800.1	<i>Bloodborne Pathogens</i>
MPR 1810.1	<i>MSFC Occupational Medicine</i>
MPD 1840.1	<i>MSFC Environmental Health Program</i>
MPR 1840.1	<i>MSFC Confined Space Entries</i>

DRD Continuation Sheet

TITLE: Safety, Health, and Environmental (SHE) Plan

DRD NO.: 1197SA-001

DATA TYPE: 2

PAGE: 2/4

15. DATA PREPARATION INFORMATION (CONTINUED):

MPD 1840.2	<i>MSFC Hearing Conservation Program</i>
MPR 1840.2	<i>MSFC Hazard Communication Program</i>
MPD 1840.3	<i>MSFC Respiratory Protection Program</i>
MPR 1840.3	<i>MSFC Hazardous Chemicals in Laboratories Protection Program</i>
MPD 1860.1	<i>Laser Safety</i>
MPD 1860.2	<i>MSFC Radiation Safety Program</i>
MPR 3410.1	<i>Training</i>
MWI 3410.1	<i>Personnel Certification Program</i>
MPD 8500.1	<i>MSFC Environmental Management Policy</i>
MPR 8500.1	<i>MSFC Environmental Management Program</i>
MPR 8500.2	<i>MSFC Environmental Management System Manual</i>
MWI 8540.2	<i>Affirmative Procurement Program for Environmentally Preferable Products</i>
MWI 8550.1	<i>Waste Management</i>
MWI 8550.2	<i>Storm Water Management</i>
MWI 8550.3	<i>Wastewater Compliance</i>
MWI 8550.4	<i>Air Emissions Compliance</i>
MWI 8550.5	<i>Chemical Management</i>
MWI 8621.1	<i>Close Call and Mishap Reporting and Investigation Program</i>
MPR 8715.1	<i>Marshall Safety, Health and Environmental (SHE) Program</i>
MWI 8715.1	<i>Electrical Safety</i>
MWI 8715.2	<i>Lockout/Tagout Program</i>
MWI 8715.3	<i>Hazard Identification & Warning System</i>
MWI 8715.4	<i>Personal Protective Equipment (PPE)</i>
MWI 8715.5	<i>Building Manager Program</i>
MWI 8715.9	<i>Occupational Safety Guidelines for Contractors</i>
MWI 8715.10	<i>Explosives, Propellants, & Pyrotechnics Program</i>
MWI 8715.11	<i>Fire Safety Program</i>
MWI 8715.12	<i>Safety, Health, and Environmental Finding Tracking System (SHEtrak)</i>
MWI 8715.13	<i>Safety Concerns Reporting System (SCRS)</i>
MWI 8715.15	<i>Ground Operations Safety Assessment & Risk Mitigation Program</i>
MPD 8900.1	<i>Medical Operations Responsibilities for Human Space Flight Programs (NOTE: This document only applies to Space Station contracts)</i>

15.3 CONTENTS: The Safety, Health, and Environmental (SHE) Plan shall clearly describe how the contractor shall comply with the MSFC SHE core program requirements listed below to accomplish the following: (1) the methods to ensure compliance with the MSFC SHE core program requirements listed below, (2) the methods to ensure potentially hazardous conditions are identified and corrected, (3) the methods to ensure employees are trained to perform their tasks in a safe and healthful manner, and (4) the methods to ensure compliance with the applicable documents that pertain to the specific work tasks .

a. Management leadership and employee involvement:

1. A statement of the management policy and their commitment to (1) provide a safe and healthful workplace for personnel (i.e., employees, customers, and public), (2) protect the property and the environment, and (3) ensure compliance with EPA, OSHA and NASA requirements applicable to the contracted effort.
2. A description of how management and employees are held accountable for implementing their tasks in a safe and healthful manner while protecting the environment through the use of motivational or innovative techniques and when necessary through the use of a disciplinary program.
3. A description of safety, health, environmental awareness and motivation programs that, include documented safety meetings and safety awareness training for employees. (Onsite contractors shall document their safety meeting statistics in the MSFC Supervisors Safety Web page (SSWP).

DRD Continuation Sheet

TITLE: Safety, Health, and Environmental (SHE) Plan

DRD NO.: 1197SA-001

DATA TYPE: 2

PAGE: 3/4

15. DATA PREPARATION INFORMATION (CONTINUED):

4. A method of performing and documenting self evaluations of the contractor's safety, health and environmental program including the frequency of these evaluations.
5. A method of ensuring the flowdown of MSFC safety, health, and environmental responsibilities and requirements applicable to the contracted effort are passed between all company levels and to all subcontractors, when applicable.
6. The identification by title the individual who is assigned the responsibility for implementing the contractor's SHE program elements and serve as the SHE Point of Contact (POC) for the contracted effort.
7. A method to ensure compliance with MPR 8715.1 and all other SHE documents that are applicable to the contracted effort.
8. A method to ensure that each employee has read the SHE plan and fully understands their roles and responsibilities in supporting the MSFC SHE program.
9. A method to ensure the SHE plan is reviewed annually and updated as necessary.
 1. The methods of identifying potentially hazardous conditions in the work area and operations, e.g., hazard analysis, safety assessment, change analysis, risk assessment and employee identified concerns.
 2. A description of the OSHA programs that require documented programs that are applicable to the contracted effort (e.g., Respiratory Protection, Hazard Communication, Confined Space, and Lockout/Tagout, etc. Address their interrelationships with the applicable MSFC SHE programs.)
 3. The methods of conducting and documenting formal worksite safety inspections as required by OSHA.
 4. The methods of conducting and documenting supervisors' monthly safety visits. Onsite safety visits shall be performed once per month per supervisor and documented in the Supervisors Safety Web page.
- c. Hazard prevention and control:
 1. The methods of controlling potentially hazardous conditions in the work area or in operations. This includes the generation of plans, procedures, and other working documents which clearly identify the hazardous situations in the work area or operation and the necessary cautions taken to mitigate the hazards. NOTE: MSFC requires an annual review of these plans and procedures. MSFC Safety Department concurrence is required for onsite hazardous procedures.
 2. The methods of ensuring controls over the procurement, storage, issuance, and use of hazardous chemical and materials are in accordance with MPR 8500.1 and the recycling and disposal of any hazardous waste is in accordance with MWI 8550.1.
 3. The methods of ensuring a documented emergency management program. Include a list of contractor emergency points that are located onsite. (Note: Onsite contractors may use MPR 1040.3.)
 4. The methods of ensuring the investigation of all mishaps and close calls to determine root cause and the reporting requirements are in accordance with MWI 8621.1. (Reference DRD 1197SA-002, *Mishap and Safety Statistics Report*).
 5. The method for providing safety, health, and environmental services applicable to the contracted effort such as hazardous waste disposal, industrial hygiene monitoring, emergency medical support, hearing conservation program, respiratory protection, and hazard communication. (Note in the SHE plan which, if any of these services are to be provided by MSFC for onsite work.)
 6. The methods employees have to suspend work where safety, health or environmental conditions warrant such action.
- d. Safety, health and environmental training:
 1. The methods for ensuring each employee is trained to recognize hazards, avoid accidents, know the hazards specific to their job, and fully understands the contractor's disciplinary program.
 2. The methods for assessing employee training needs specific to their job. (Onsite employee assessments shall be performed using the SHE Training Assessment located on the MSFC Supervisor Safety Web Page.)

DRD Continuation Sheet**TITLE:** Safety, Health, and Environmental (SHE) Plan**DRD NO.:** 1197SA-001**DATA TYPE:** 2**PAGE:** 4/4**15. DATA PREPARATION INFORMATION (CONTINUED):**

3. The methods for training and documenting this training when designating employees to be competent, qualified, authorized or certified to perform operations that require specific training in accordance with 29 CFR 1910 or 29 CFR 1926.
4. A list of identified job categories under the contracted effort that require MSFC safety certification in accordance with MWI 3410.1, "Personnel Certification Program". Example job categories that require MSFC safety certification include, but not limited to, operating MSFC lifting equipment (forklifts, cranes, etc.), working with chemicals, hazardous waste, pressure systems, etc. Personnel Certification for onsite job categories identified in MWI 3410.1 shall be tracked in the MSFC Certification Database (CERTRAK). (NOTE: offsite contracts shall list the job categories under the contracted effort that require OSHA documented training and certification.)
- e. Environmental compliance – The methods to ensure compliance with environmental laws and regulations 40 CFR, Alabama Department of Environmental Management (ADEM), and MPR 8500.1 by:
 1. Reporting hazardous and toxic substance use.
 2. Implementing and reporting green procurements in accordance with MWI 8540.2.
 3. Reducing, reusing, and recycling of hazardous and toxic substances prior to disposal in accordance with MWI 8550.1.
 4. Minimizing stormwater pollution in accordance with MWI 8550.2.
 5. Ensuring equipment and processes permitted by applicable laws.
 6. Disposing of solid and liquid materials as permitted by applicable laws.

15.4 FORMAT: Contractor format is acceptable.**15.5 MAINTENANCE:** Changes shall be incorporated by change page or complete reissue.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197SA-002**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/2
6. **TITLE:** Mishap and Safety Statistics Reports
7. **DESCRIPTION/USE:** To provide reporting of metrics, mishaps, close calls, and serious non-occupational injuries or illnesses.
8. **OPR:** QD50 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:**
 - a. Safety Statistics submitted by the 10th of each month after contract award using one of the following methods: MSFC Form 4371, or electronic notification system equivalent, or direct to NASA Incident Reporting Information System (IRIS) database. Statistics required to be submitted include: contract number, subcontractors, NAISC codes, number of employees, and number of supervisors, hours worked. Access to IRIS database can be obtained from the Industrial Safety Department after contract award. (Applicable to all onsite contracts)
 - b. Mishaps, Close Calls, and serious non-occupational injuries or illnesses as defined in Section 15.6 and in NPR 8621.1:
 1. Type A, B, mishaps, high visibility mishaps or close calls: Upon occurrence or awareness of mishap:
 - a. Immediate notification to the Contracting Officer and Industrial Safety (256-544-HELP, Safety Option) (Include location and time of incident, number of fatalities, number hospitalized, type of damage, estimated cost, brief description, and contact person's name and phone number), accompanied by IRIS Quick Incident submittal.
 - b. Update within 24 hours through IRIS entry, or electronic submittal (per NPR 8621.1, paragraph 1.5.5).
 2. Non-occupational fatality or serious injury occurring onsite or to an onsite contractor employee: Notification to Contracting Officer and Industrial Safety within 24 hour of occurrence or awareness. (Offsite non-occupational injury or illness notification is at the discretion of the family.)
 3. Type C mishaps: Upon occurrence or awareness of mishap:
 - a. Immediate notification to the Contracting Officer and Industrial Safety (256-544-HELP, Safety Option) (Include location and time of incident, type of lost-time injury or damage, estimated cost, brief description, and contact person's name and phone number), accompanied by IRIS Quick Incident submittal.
 - b. Update within 6 days through IRIS entry, or electronic submittal.
 4. Type D, and Close Call mishaps (Onsite): Notification by telephone (256-544-HELP, Safety Option) or electronic submittal within 4 hours of occurrence or awareness, and within 24 hours with IRIS Quick Incident. Update within 6 days may be through IRIS entry, or electronic submittal.
 5. Type A, B, and Close Calls with high Type A or B potential: Mishap Board Report submitted after completion of investigation. Corrective Action Plan submitted upon Endorsing Official approval.
 6. All Mishaps: Follow-up Corrective Action Plan/Status 30 days after first mishap.
 - c. Safety Concerns, Hazards, and non-reportable mishaps should be reported per MPR 8715.1 (**Onsite**) or the appropriate contractor method (**Offsite**).
12. **SUBMISSION FREQUENCY:** Safety Statistics (MSFC Form 4371, IRIS entry, or equivalent) - By the 10th of each month. All Mishaps: Monthly Follow-up Corrective Action Plan/Status until corrective actions implemented and closure received by updating record in IRIS data base (preferred) or electronic submittal.
13. **REMARKS:**
14. **INTERRELATIONSHIP:** DRD 1197SA-001, *Safety, Health, and Environmental (SHE) Plan*. PWS paragraphs 1.4F.5 and 1.4F.7

DRD Continuation Sheet

TITLE: Mishap and Safety Statistics Reports

DRD NO.: 1197SA-002

DATA TYPE: 3

PAGE: 2/2

15. DATA PREPARATION INFORMATION:

15.1 SCOPE: The Mishap and Safety Statistics Reports document all mishaps and close calls as required in NPR 8621.1.

15.2 APPLICABLE DOCUMENTS:

NPR 8621.1	<i>NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Recordkeeping</i>
MPR 8715.1	<i>MSFC Safety, Health, and Environmental (SHE) Program</i>
MWI 8621.1	<i>Close Call and Mishap Reporting and Investigation Program</i>

15.3 CONTENTS: The Mishap and Safety Statistics Reports shall contain the information required by NPR 8621.1 and MWI 8621.1.

15.4 FORMAT: The following formats or electronic equivalent shall be submitted:

- a. MSFC Form 4370, "MSFC Flash Mishap Report."
- b. Additional Information Submittal per NPR 8621.1.
- c. MSFC Form 4371, "MSFC Contractor Accident and Safety Statistics."
- d. Mishap Board Report using the format provided in NPR 8621.1.

15.5 MAINTENANCE: None required

15.6 DEFINITIONS:

Close Call. An event in which there is no injury or only minor injury requiring first aid and/or no equipment/property damage or minor equipment/property damage (less than \$1000), but which possesses a potential to cause a mishap.

High Visibility (Mishaps or Close Calls). Those particular mishaps or close calls, regardless of the amount of property damage or personnel injury, that the Administrator, Chief/OSMA, CD, AA/OIA, or the Center SMA director judges to possess a high degree of programmatic impact or public, media, or political interest including, but not limited to, mishaps and close calls that impact flight hardware, flight software, or completion of critical mission milestones.

Type A Mishap. A mishap resulting in one or more of the following: (1) an occupational injury or illness resulting in a fatality, a permanent total disability, or the hospitalization for inpatient care of 3 or more people within 30 workdays of the mishap; (2) a total direct cost of mission failure and property damage of \$1 million or more; (3) a crewed aircraft hull loss; (4) an occurrence of an unexpected aircraft departure from controlled flight (except high performance jet/test aircraft such as F-15, F-16, F/A-18, T-38, OV-10, and T-34, when engaged in flight test activities).

Type B Mishap. A mishap that caused an occupational injury or illness that resulted in a permanent partial disability, the hospitalization for inpatient care of 1-2 people within 30 workdays of the mishap, or a total direct cost of mission failure and property damage of at least \$250,000 but less than \$1,000,000.

Type C Mishap. A mishap resulting in a nonfatal occupational injury or illness that caused any days away from work, restricted duty, or transfer to another job beyond the day or shift on which it occurred, or a total direct cost of mission failure and property damage of at least \$25,000 but less than \$250,000.

Type D Mishap. A mishap that caused any nonfatal OSHA recordable occupational injury and/or illness that does not meet the definition of a Type C mishap, or a total direct cost of mission failure and property damage of at least \$1,000 but less than \$25,000.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197SA-003**
3. **DATA TYPE:** 2
4. **DATE REVISED:**
5. **PAGE:** 1/2
6. **TITLE:** Personnel Certification Plan
7. **DESCRIPTION/USE:** To provide the contractor and the Government a baseline document for the identification and definition of personnel certification criteria and the procedures to be implemented by the contractor to ensure a certification program is implemented in accordance with NPR 8715.3 and MSFC program/project requirements.
8. **OPR:** QD50/QD40 9. **DM:** AS24
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** 30 days after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Revise as required
13. **REMARKS:**
14. **INTERRELATIONSHIP:** SOW paragraphs 1.2J and 1.2J.2
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Personnel Certification Plan is for the contractor to provide their processes for training, certification, and re-certification of personnel engaged in the performance of MSFC critical processes or potentially hazardous operations. The purpose of a certification program is to assure that all personnel performing MSFC critical processes or potentially hazardous operation are capable of performing these processes or operations without endangering themselves, fellow employees, equipment and/or facilities. It is mandatory that these MSFC critical processes or potentially hazardous operations are performed by trained and certified personnel.
- 15.2 **APPLICABLE DOCUMENTS:**
 MWI 3410.1 *Personnel Certification Program*
 NPR 8715.3 *NASA General Safety Program Requirements*
- 15.3 **CONTENTS:** The Personnel Certification Plan shall provide the processes the contractor implements to assure an effective certification program. The plan shall include criteria which the contractor can relate directly to work classifications or operations and the required skills, education, experience, training, and other qualifications necessary to perform work in these classifications or operations. The contractor shall assure work performed by these classifications is performed with high quality workmanship to produce a high quality product in a safe and efficient manner. The plan shall include the contractor processes to track these certifications. NOTE: Contractors onsite shall track their certifications for critical MSFC owned process or hazardous operations in the MSFC CERTRAK database in accordance with MWI 3410.1. The plan shall include the following:
 - a. Certification program:
 1. General:
 - (a) Program description.
 - (b) Program administration.
 - (c) Certification duration.
 - (d) Definitions.
 - (e) Job description summaries.
 - (f) Task assignments per job description.
 - (g) Skills required per job description.

DRD Continuation Sheet

TITLE: Personnel Certification Plan

DRD NO.: 1197SA-003

DATA TYPE: 2

PAGE: 2/2

15. DATA PREPARATION INFORMATION (CONTINUED):

2. Certification requirements/skills:
 - (a) Education.
 - (b) Experience/work history.
 - (c) Specialized training.
 - (d) Physical condition/attitude.
3. Certification process:
 - (a) Supervision responsibilities.
 - (b) Certifying authority.
 - (c) Formal/informal examination.
 - (d) Proficiency demonstration.
- b. Certification documentation.
- c. Specific critical MSFC owned process skills requiring certification and proficiency include the following:
 1. High pressure tubing fabrication and assembly.
 2. Welding:
 - (a) Carbon steel.
 - (b) Stainless steel.
 - (c) Aluminum.
 3. Control system operations.
 4. Schematic drawing comprehension.
 5. Other processes identified by the Performance Work Statement (PWS).

Potentially hazardous operation and skill certifications are listed in MWI 3410.1. Below are examples of some of the required MSFC certifications.

- a. Forklift, crane and hoist operators.
- b. Cryogenic and other hazardous pressure system operators.
- c. Propellant & Explosive Handlers.
- d. Hazardous chemical/toxic material handling.
- e. Confined space entry.
- f. Electrical/instrumentation cable fabrication (including test articles):
 1. Crimping.
 2. Cabling, Harnessing, and Wiring.
 3. Soldering including Surface Mount Technology (SMT).
 4. Staking and Conformal Coating.
 5. ESD Control.
- g. Welding inspection and nondestructive evaluation (NDE).
 1. Penetrant Testing.
 2. Magnetic Particle Testing.
 3. Eddy Current Testing.
 4. Radiographic Testing.
 5. Thermal/Infrared Testing.
 6. Visual Testing.

15.4 **FORMAT:** Contractor format is acceptable.

15.5 **MAINTENANCE:** Changes shall be incorporated by change page or complete reissue.

DATA REQUIREMENTS DESCRIPTION (DRD)

1. **DPD NO.:** 1197 **ISSUE:** RFP
2. **DRD NO.:** **1197SA-004**
3. **DATA TYPE:** 3
4. **DATE REVISED:**
5. **PAGE:** 1/1
6. **TITLE:** Quarterly Contractor Safety Self-Evaluation Report
7. **DESCRIPTION/USE:** To provide contractor performance metrics based on the elements of the MSFC safety program.
8. **OPR:** AS20 9. **DM:** AS20
10. **DISTRIBUTION:** Per Contracting Officer's letter
11. **INITIAL SUBMISSION:** Ten days following completion of contractor's first calendar quarterly reporting period after Authority to Proceed (ATP)
12. **SUBMISSION FREQUENCY:** Quarterly; 10 days following completion of calendar quarterly reporting period
13. **REMARKS:** The safety performance evaluation process, for which this report is the first step, is detailed in COSS Contract, Section H: Special Clauses.
14. **INTERRELATIONSHIP:** DRD 1197SA-002, *Mishap and Safety Statistics Reports*. COSS Contract, Section H: Special Clauses; PWS paragraph 1.4F.8
15. **DATA PREPARATION INFORMATION:**
- 15.1 **SCOPE:** The Quarterly Contractor Safety Self-Evaluation Report provides the contractor's performance measurement against required MSFC safety program elements.
- 15.2 **APPLICABLE DOCUMENTS:**
MWI 8715.9 *Occupational Safety Guidelines for MSFC Contractors*
- 15.3 **CONTENTS:** The Quarterly Contractor Safety Self-Evaluation Report shall meet the requirements of MWI 8715.9 and provide a contractor-assigned score (from 10 to 1), based on the criteria defined in the "Safety Health Management Implementation Guide and Assessment Matrix" provided in Section H for each of the following MSFC safety program elements:
 - a. Management commitment and employee involvement.
 - b. System and worksite hazard analysis.
 - c. Hazard prevention and control.
 - d. Safety and health training.

NOTE: Reference Section H of this contract for complete listing of subelements for the major elements listed above.
- 15.4 **FORMAT:** Contractor format is acceptable.
- 15.5 **MAINTENANCE:** None required

NNM08AA54C
ATTACHMENT J-3

WD 05-2008 (Rev.-8) was first posted on www.wdol.gov on 03/18/2008

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

William W. Gross Division of
Director Wage Determinations

Wage Determination No.: **2005-2008**
Revision No.: **8**
Date Of Revision: **03/11/2008**

States: **Alabama, Tennessee**

Area: Alabama Counties of Colbert, Franklin, Jackson, Lauderdale, Lawrence,
Limestone, **Madison**, Marion, Marshall, Morgan, Winston
Tennessee Counties of Giles, Lawrence, Lincoln, Moore, Wayne

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE

MINIMUM WAGE RATE

01000 - Administrative Support And Clerical Occupations

01011 - Accounting Clerk I	13.47
01012 - Accounting Clerk II	14.65
01013 - Accounting Clerk III	16.77
01020 - Administrative Assistant	21.27
01040 - Court Reporter	17.16
01051 - Data Entry Operator I	11.95
01052 - Data Entry Operator II	13.89
01060 - Dispatcher, Motor Vehicle	16.31
01070 - Document Preparation Clerk	12.47
01090 - Duplicating Machine Operator	12.47
01111 - General Clerk I	10.80
01112 - General Clerk II	11.78
01113 - General Clerk III	13.86
01120 - Housing Referral Assistant	19.14
01141 - Messenger Courier	9.49
01191 - Order Clerk I	11.51
01192 - Order Clerk II	15.27
01261 - Personnel Assistant (Employment) I	13.69
01262 - Personnel Assistant (Employment) II	15.31
01263 - Personnel Assistant (Employment) III	17.06
01270 - Production Control Clerk	19.18
01280 - Receptionist	11.02
01290 - Rental Clerk	11.79
01300 - Scheduler, Maintenance	15.32
01311 - Secretary I	15.32
01312 - Secretary II	17.16
01313 - Secretary III	19.14
01320 - Service Order Dispatcher	13.83
01410 - Supply Technician	21.27
01420 - Survey Worker	16.81
01531 - Travel Clerk I	10.26
01532 - Travel Clerk II	10.86
01533 - Travel Clerk III	11.58
01611 - Word Processor I	13.12
01612 - Word Processor II	14.73
01613 - Word Processor III	16.48

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05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	17.50
05010 - Automotive Electrician	16.73
05040 - Automotive Glass Installer	15.94
05070 - Automotive Worker	15.94
05110 - Mobile Equipment Servicer	14.45
05130 - Motor Equipment Metal Mechanic	17.50
05160 - Motor Equipment Metal Worker	15.94
05190 - Motor Vehicle Mechanic	15.98
05220 - Motor Vehicle Mechanic Helper	12.52
05250 - Motor Vehicle Upholstery Worker	15.22
05280 - Motor Vehicle Wrecker	15.94
05310 - Painter, Automotive	15.28
05340 - Radiator Repair Specialist	15.94
05370 - Tire Repairer	12.75
05400 - Transmission Repair Specialist	17.50
07000 - Food Preparation And Service Occupations	
07010 - Baker	10.84
07041 - Cook I	9.14
07042 - Cook II	10.27
07070 - Dishwasher	7.57
07130 - Food Service Worker	8.09
07210 - Meat Cutter	14.21
07260 - Waiter/Waitress	6.82
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	17.56
09040 - Furniture Handler	13.94
09080 - Furniture Refinisher	17.56
09090 - Furniture Refinisher Helper	14.41
09110 - Furniture Repairer, Minor	15.98
09130 - Upholsterer	17.56
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.28
11060 - Elevator Operator	8.58
11090 - Gardener	12.11
11122 - Housekeeping Aide	8.62
11150 - Janitor	8.58
11210 - Laborer, Grounds Maintenance	10.00
11240 - Maid or Houseman	7.70
11260 - Pruner	9.28
11270 - Tractor Operator	12.08
11330 - Trail Maintenance Worker	10.00
11360 - Window Cleaner	9.06
12000 - Health Occupations	
12010 - Ambulance Driver	14.41
12011 - Breath Alcohol Technician	14.71
12012 - Certified Occupational Therapist Assistant	20.35
12015 - Certified Physical Therapist Assistant	20.35
12020 - Dental Assistant	13.91
12025 - Dental Hygienist	20.44
12030 - EKG Technician	23.24
12035 - Electroneurodiagnostic Technologist	23.24
12040 - Emergency Medical Technician	14.41
12071 - Licensed Practical Nurse I	14.07
12072 - Licensed Practical Nurse II	15.81
12073 - Licensed Practical Nurse III	17.71
12100 - Medical Assistant	10.79
12130 - Medical Laboratory Technician	14.02
12160 - Medical Record Clerk	11.28

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12190 - Medical Record Technician	13.60
12195 - Medical Transcriptionist	12.65
12210 - Nuclear Medicine Technologist	30.65
12221 - Nursing Assistant I	9.43
12222 - Nursing Assistant II	10.61
12223 - Nursing Assistant III	11.57
12224 - Nursing Assistant IV	12.99
12235 - Optical Dispenser	13.68
12236 - Optical Technician	10.38
12250 - Pharmacy Technician	12.62
12280 - Phlebotomist	12.99
12305 - Radiologic Technologist	23.95
12311 - Registered Nurse I	22.94
12312 - Registered Nurse II	28.08
12313 - Registered Nurse II, Specialist	28.08
12314 - Registered Nurse III	33.97
12315 - Registered Nurse III, Anesthetist	33.97
12316 - Registered Nurse IV	40.70
12317 - Scheduler (Drug and Alcohol Testing)	19.01
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	19.07
13012 - Exhibits Specialist II	23.35
13013 - Exhibits Specialist III	28.38
13041 - Illustrator I	19.07
13042 - Illustrator II	23.35
13043 - Illustrator III	28.38
13047 - Librarian	24.50
13050 - Library Aide/Clerk	13.17
13054 - Library Information Technology Systems Administrator	22.12
13058 - Library Technician	14.67
13061 - Media Specialist I	15.97
13062 - Media Specialist II	17.87
13063 - Media Specialist III	19.92
13071 - Photographer I	14.72
13072 - Photographer II	17.00
13073 - Photographer III	20.36
13074 - Photographer IV	24.89
13075 - Photographer V	30.21
13110 - Video Teleconference Technician	15.97
14000 - Information Technology Occupations	
14041 - Computer Operator I	14.73
14042 - Computer Operator II	19.13
14043 - Computer Operator III	20.49
14044 - Computer Operator IV	26.16
14045 - Computer Operator V	27.62
14071 - Computer Programmer I (1)	25.00
14072 - Computer Programmer II (1)	
14073 - Computer Programmer III (1)	
14074 - Computer Programmer IV (1)	
14101 - Computer Systems Analyst I (1)	
14102 - Computer Systems Analyst II (1)	
14103 - Computer Systems Analyst III (1)	
14150 - Peripheral Equipment Operator	14.73
14160 - Personal Computer Support Technician	26.16
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	29.35
15020 - Aircrew Training Devices Instructor (Rated)	35.52
15030 - Air Crew Training Devices Instructor (Pilot)	36.76
15050 - Computer Based Training Specialist / Instructor	30.38

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15060 - Educational Technologist	27.38
15070 - Flight Instructor (Pilot)	36.76
15080 - Graphic Artist	21.00
15090 - Technical Instructor	18.91
15095 - Technical Instructor/Course Developer	23.11
15110 - Test Proctor	17.16
15120 - Tutor	17.16
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	7.74
16030 - Counter Attendant	7.74
16040 - Dry Cleaner	9.73
16070 - Finisher, Flatwork, Machine	7.74
16090 - Presser, Hand	7.74
16110 - Presser, Machine, Drycleaning	7.74
16130 - Presser, Machine, Shirts	7.74
16160 - Presser, Machine, Wearing Apparel, Laundry	7.74
16190 - Sewing Machine Operator	10.27
16220 - Tailor	10.78
16250 - Washer, Machine	8.39
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	21.04
19040 - Tool And Die Maker	25.67
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	14.82
21030 - Material Coordinator	19.18
21040 - Material Expediter	19.18
21050 - Material Handling Laborer	10.29
21071 - Order Filler	10.87
21080 - Production Line Worker (Food Processing)	14.82
21110 - Shipping Packer	12.98
21130 - Shipping/Receiving Clerk	12.98
21140 - Store Worker I	11.02
21150 - Stock Clerk	14.95
21210 - Tools And Parts Attendant	14.82
21410 - Warehouse Specialist	14.82
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	18.74
23021 - Aircraft Mechanic I	22.24
23022 - Aircraft Mechanic II	23.35
23023 - Aircraft Mechanic III	24.52
23040 - Aircraft Mechanic Helper	17.44
23050 - Aircraft, Painter	19.32
23060 - Aircraft Servicer	19.34
23080 - Aircraft Worker	20.27
23110 - Appliance Mechanic	18.04
23120 - Bicycle Repairer	14.66
23125 - Cable Splicer	19.76
23130 - Carpenter, Maintenance	17.56
23140 - Carpet Layer	17.29
23160 - Electrician, Maintenance	23.21
23181 - Electronics Technician Maintenance I	17.93
23182 - Electronics Technician Maintenance II	25.55
23183 - Electronics Technician Maintenance III	26.62
23260 - Fabric Worker	16.54
23290 - Fire Alarm System Mechanic	18.79
23310 - Fire Extinguisher Repairer	15.72
23311 - Fuel Distribution System Mechanic	18.79
23312 - Fuel Distribution System Operator	16.80
23370 - General Maintenance Worker	16.43

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23380 - Ground Support Equipment Mechanic	22.24
23381 - Ground Support Equipment Servicer	19.34
23382 - Ground Support Equipment Worker	20.27
23391 - Gunsmith I	14.48
23392 - Gunsmith II	15.97
23393 - Gunsmith III	17.51
23410 - Heating, Ventilation & Air-Conditioning Mechanic	18.38
23411 - Heating, Ventilation & Air Conditioning Mechanic (R&D Facility)	19.30
23430 - Heavy Equipment Mechanic	18.38
23440 - Heavy Equipment Operator	17.87
23460 - Instrument Mechanic	22.82
23465 - Laboratory/Shelter Mechanic	15.88
23470 - Laborer	11.36
23510 - Locksmith	18.04
23530 - Machinery Maintenance Mechanic	23.32
23550 - Machinist, Maintenance	18.05
23580 - Maintenance Trades Helper	14.41
23591 - Metrology Technician I	22.82
23592 - Metrology Technician II	23.80
23593 - Metrology Technician III	24.74
23640 - Millwright	18.79
23710 - Office Appliance Repairer	19.90
23760 - Painter, Maintenance	17.56
23790 - Pipefitter, Maintenance	18.90
23810 - Plumber, Maintenance	18.06
23820 - Pneudraulic Systems Mechanic	18.79
23850 - Rigger	18.79
23870 - Scale Mechanic	17.29
23890 - Sheet-Metal Worker, Maintenance	18.38
23910 - Small Engine Mechanic	16.75
23931 - Telecommunications Mechanic I	18.38
23932 - Telecommunications Mechanic II	20.21
23950 - Telephone Lineman	18.38
23960 - Welder, Combination, Maintenance	18.38
23965 - Well Driller	18.79
23970 - Woodcraft Worker	18.79
23980 - Woodworker	16.43
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	7.78
24580 - Child Care Center Clerk	9.71
24610 - Chore Aide	8.42
24620 - Family Readiness And Support Services Coordinator	12.43
24630 - Homemaker	12.32
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	18.86
25040 - Sewage Plant Operator	17.87
25070 - Stationary Engineer	18.86
25190 - Ventilation Equipment Tender	14.85
25210 - Water Treatment Plant Operator	17.56
27000 - Protective Service Occupations	
27004 - Alarm Monitor	11.98
27007 - Baggage Inspector	10.74
27008 - Corrections Officer	15.28
27010 - Court Security Officer	16.82
27030 - Detection Dog Handler	13.55
27040 - Detention Officer	15.28
27070 - Firefighter	16.82
27101 - Guard I	10.74
27102 - Guard II	13.55

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27131 - Police Officer I	18.35
27132 - Police Officer II	20.41
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	9.22
28042 - Carnival Equipment Repairer	9.68
28043 - Carnival Equipment Worker	7.64
28210 - Gate Attendant/Gate Tender	12.85
28310 - Lifeguard	11.10
28350 - Park Attendant (Aide)	14.38
28510 - Recreation Aide/Health Facility Attendant	10.49
28515 - Recreation Specialist	14.83
28630 - Sports Official	11.45
28690 - Swimming Pool Operator	15.65
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	17.70
29020 - Hatch Tender	17.70
29030 - Line Handler	17.70
29041 - Stevedore I	16.90
29042 - Stevedore II	18.56
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (2)	34.27
30011 - Air Traffic Control Specialist, Station (HFO) (2)	23.64
30012 - Air Traffic Control Specialist, Terminal (HFO) (2)	26.03
30021 - Archeological Technician I	17.26
30022 - Archeological Technician II	19.32
30023 - Archeological Technician III	23.94
30030 - Cartographic Technician	24.23
30040 - Civil Engineering Technician	20.75
30061 - Drafter/CAD Operator I	17.26
30062 - Drafter/CAD Operator II	19.55
30063 - Drafter/CAD Operator III	20.50
30064 - Drafter/CAD Operator IV	25.23
30081 - Engineering Technician I	14.53
30082 - Engineering Technician II	17.48
30083 - Engineering Technician III	21.00
30084 - Engineering Technician IV	28.62
30085 - Engineering Technician V	33.81
30086 - Engineering Technician VI	40.89
30090 - Environmental Technician	22.19
30210 - Laboratory Technician	18.92
30240 - Mathematical Technician	24.23
30361 - Paralegal/Legal Assistant I	16.85
30362 - Paralegal/Legal Assistant II	20.89
30363 - Paralegal/Legal Assistant III	25.55
30364 - Paralegal/Legal Assistant IV	30.92
30390 - Photo-Optics Technician	24.23
30461 - Technical Writer I	20.96
30462 - Technical Writer II	25.62
30463 - Technical Writer III	30.71
30491 - Unexploded Ordnance (UXO) Technician I	21.78
30492 - Unexploded Ordnance (UXO) Technician II	26.35
30493 - Unexploded Ordnance (UXO) Technician III	31.59
30494 - Unexploded (UXO) Safety Escort	21.78
30495 - Unexploded (UXO) Sweep Personnel	21.78
30620 - Weather Observer, Combined Upper Air Or Surface Programs (3)	20.50
30621 - Weather Observer, Senior (3)	22.74
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	9.74
31030 - Bus Driver	12.67

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31043 - Driver Courier	13.89
31260 - Parking and Lot Attendant	9.19
31290 - Shuttle Bus Driver	14.77
31310 - Taxi Driver	9.91
31361 - Truckdriver, Light	14.77
31362 - Truckdriver, Medium	16.55
31363 - Truckdriver, Heavy	16.83
31364 - Truckdriver, Tractor-Trailer	16.83
99000 - Miscellaneous Occupations	
99030 - Cashier	9.27
99050 - Desk Clerk	7.22
99095 - Embalmer	21.13
99251 - Laboratory Animal Caretaker I	8.61
99252 - Laboratory Animal Caretaker II	13.46
99310 - Mortician	21.13
99410 - Pest Controller	12.10
99510 - Photofinishing Worker	11.06
99710 - Recycling Laborer	14.15
99711 - Recycling Specialist	16.26
99730 - Refuse Collector	12.79
99810 - Sales Clerk	10.45
99820 - School Crossing Guard	12.33
99830 - Survey Party Chief	15.89
99831 - Surveying Aide	9.79
99832 - Surveying Technician	13.40
99840 - Vending Machine Attendant	12.64
99841 - Vending Machine Repairer	14.48
99842 - Vending Machine Repairer Helper	12.64

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$3.16 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years, and 4 after 20 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63

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(or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) **AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regarding and cleaning of artillery ranges.

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A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to

ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition.

NOTE: These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A link to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage

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determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

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EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
3789-SS0001	Safety Switch, West Outside
4194-FAS0001	Fire Alarm System, Rm 6
4194-PNL0005	Panel Board, West
4200-ACMP0001	Air Compressor Control, Rm G1 - Disconnect on west wall
4200-ACMP0001	Air Compressor Control, Rm G1 - Disconnect on west wall
4200-ACMP0001	Air Compressor Control, Rm G1 - Disconnect on west wall
4200-ACMP0002	Air Compressor Control, Rm G1 - Disconnect on west wall
4200-ACMP0003	Air Compressor Control, Rm G1 - Disconnect on west wall
4200-ADRY0001	Air Dryer, Rm G1 - Disconnect at dryer
4200-ADRY0002	Air Dryer, Rm G1 - Disconnect at dryer
4200-ADRY0003	Air Dryer, Rm G1 - Disconnect at dryer
4200-ADRY0004	Air Dryer, Rm G1 - Disconnect at dryer
4200-AH0001	Air Handling Unit, Rm G1 - Disconnect on south east side
4200-AH0001	Air Handling Unit, Rm G1 - Disconnect on south east side
4200-AH0001	Air Handling Unit, Rm G1 - Disconnect on south east side
4200-AH0002	Air Handling Unit, Rm G1 - Disconnect on south east side
4200-AH0003	Air Handling Unit, Rm G34C - Disconnect on unit
4200-AH0004	Air Handling Unit, Rm G9 - Above Ceiling Over Cash - Disconnect on unit
4200-AH0005	Air Handling Unit, Rm G15A - Above Ceiling - Disconnect on unit
4200-AH0006	Air Handling Unit, Rm 106A - Disconnect on unit
4200-AH0007	Air Handling Unit, Rm 527
4200-AH0008	Air Handling Unit, Rm G42B Overhead
4200-AH0009	Air Handling Unit, Rm G42C Overhead
4200-ATS0001	Auto Transfer Switch, Rm G1
4200-CBP0001	Circuit Breaker Panel, Room 527
4200-CHWP0001	Chill Water Pump, Rm G1 - Disconnect at pump
4200-CHWP0001	Chill Water Pump, Rm G1 - Disconnect at pump
4200-CHWP0002	Chill Water Pump, G1 - Disconnect at pump
4200-CHWP0002	Chill Water Pump, G1 - Disconnect at pump
4200-CHWP0003	Chill Water Pump, Rm G1 - Disconnect at pump
4200-CHWP0003	Chill Water Pump, Rm G1 - Disconnect at pump
4200-CHWP0004	Chill Water Pump, Rm G1 - Disconnect at pump
4200-CHWP0005	Chill Water Pump, Rm G1
4200-COIL001A	Chilled Water Coil, AH0001, Rm G1
4200-COIL001B	Hot Water/Steam Coil, AH0001, Rm G1
4200-COIL002A	Chilled Water Coil, AH0002, Rm G1
4200-COIL002B	Hot Water/Steam Coil, AH0002, Rm G1
4200-COIL003A	Chilled Water Coil, AH0003, Rm G34C
4200-COIL003B	Hot Water/Steam Coil, AH0003, Rm G34C
4200-COIL004A	Chilled Water Coil, AH0004, Rm G9
4200-COIL004B	Hot Water/Steam Coil, AH0004, Rm G9
4200-COIL005A	Chilled Water Coil, AH0005, Rm G15A
4200-COIL005B	Hot Water/Steam Coil, AH0005, Rm G15A
4200-COIL006A	Chilled Water Coil, AH0006, Rm 106A
4200-COIL006B	Hot Water/Steam Coil, AH0006, Rm 106A
4200-COIL007A	Chilled Water Coil, AH0007, Rm 527
4200-COIL007B	Hot Water/Steam Coil, AH0007, Rm 527
4200-COIL008A	Chilled Water Coil, AH0008, Rm G42B
4200-COIL008B	Hot Water/Steam Coil, AH0008, Rm G42B
4200-COIL009A	Chilled Water Coil, AH0009, Rm G42C
4200-COIL009B	Hot Water/Steam Coil, AH0009, Rm G42C
4200-CWP0004	Condenser Water Pump, South 4200 - Disconnect at pump
4200-DAMP0001	Fire Damper, Rm G1

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4200-DOOR0001	Sliding Door, West Bldg 4200
4200-DOOR0002	Sliding Door, East Bldg 4200
4200-DOOR0003	Sliding Door, East Bldg 4200
4200-DOOR0004	Sliding Door, West Bldg 4200
4200-DOOR0005	Electric Assisted Door, Rm G4
4200-DOOR0006	Roll-Up Door, South Entrance
4200-DOOR0007	Roll-Up Door, Manual, Rm G1/E1
4200-DXAC0001	Direct Expansion AC Unit, Outside Rm R001/ E13 - Disconnect in room E2
4200-DXAC0002	Direct Expansion AC Unit, Rm R002/ E14 - Disconnect at unit - Disconnect at unit
4200-DXAC0002	Direct Expansion AC Unit, Rm R002/ E14 - Disconnect at unit - Disconnect at unit
4200-DXAC0002	Direct Expansion AC Unit, Rm R002/ E14 - Disconnect at unit - Disconnect at unit
4200-DXAC0003	Direct Expansion AC Unit, Rm P106C - Disconnect at unit - Disconnect at unit
4200-EAF0001	Fan Exhaust Blower, Rm G1 - Disconnect at fan motor
4200-EAF0001	Fan Exhaust Blower, Rm G1 - Disconnect at fan motor
4200-EAF0002	Fan Exhaust Blower, Rm G1 - Disconnect at fan motor
4200-EAF0003	Fan Exhaust Blower, Rm G1 - Disconnect at fan motor
4200-EAF0004	Fan Exhaust Blower, Rm G1 - Disconnect at fan motor
4200-EAF0005	Fan Exhaust Blower, Rm R002/ E14 - Disconnect at fan motor
4200-ELEV0001	Cable Elevator, Rm R0002/ E14 - Disconnect at elevator
4200-ELEV0002	Cable Elevator, Rm R0002/ E14 - Disconnect at elevator
4200-ELEV0003	Cable Elevator, Rm R002/ E14 - Disconnect in room E11
4200-ELEV0004	Cable Elevator, Rm R002/ E14 - Disconnect in room E11
4200-ELEV0005	Hydraulic Elevator, Kitchen - Disconnect at elevator
4200-FAS0001	Fire Alarm System, Rm 126
4200-FID0001	Field Interface Device, Rm G1
4200-FIRP0001	Fire Pump, Rm G1 - Disconnect at pump
4200-FIRP0002	Fire Pump, Rm G1 - Disconnect at pump
4200-FIRP0003	Fire Pump, Rm G1 - Disconnect at pump
4200-FLCS0001	Flow Control System, Rm G1
4200-FLCS0002	Flow Control System, Rm G1
4200-FNTN0001	Fountain, 4200 Complex
4200-FSS0001	Fire Suppression System, Rm G9
4200-GEN0001	Emergency Generator, Rm G1
4200-HST0001	2-Ton Electric Hoist, Rm R002/ E14 - Disconnect at SOUTH WALL
4200-HUM0001	Humidifier, Rm 106A - Disconnect at unit
4200-HWHD0001	Hot Water Heater Domestic, Rm G1J - Disconnect at heater
4200-HWHD0002	Hot Water Heater Domestic, Rm G1J
4200-HWHD0003	Hot Water Heater Domestic, Rm G9A
4200-HWP0001	Hot Water Pump, Rm G1 - Disconnect at pump
4200-KGRL0001	Grille, Blind Vendor
4200-KVHD0001	Vent Hood, Blind Vendor, G9
4200-LTS0001	Aviation Lights, Roof
4200-LTS0002	Emergency Lighting - Dry Cell, Rm P106 Penthouse
4200-LTS0003	Emergency Lighting - Dry Cell, Rm P106A Penthouse
4200-MCC0001	Motor Control Center, Rm G1
4200-MCC0002	Motor Control Center, Rm G1/E01
4200-MCC0003	Motor Control Center, Rm G1
4200-MCC0004	Motor Control Center, Rm G1
4200-PMP0001	Potable Water Pump, Rm G1 - Disconnect at pump
4200-PMP0002	Potable Water Pump, Rm G1 - Disconnect at pump
4200-PMP0003	Potable Water Pump, Rm G1 - Disconnect at pump
4200-PMP0004	Jockey Pump, Rm G1 - Disconnect at pump
4200-PMP0004	Jockey Pump, Rm G1 - Disconnect at pump

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4200-PMP0005	Water Pump, Rm G1 - Disconnect at pump
4200-PMP0005	Water Pump, Rm G1 - Disconnect at pump
4200-PMP0006	Potable Water Pump, Rm G1 - Disconnect at pump
4200-PNL0001	Panel Board, Rm 607
4200-PNL0002	Panel Board, Rm G15
4200-PNL0003	Panel Board, Rm G15
4200-PNL0004	Panel Board, Rm G15
4200-PNL0005	Panel Board, Rm G15
4200-PNL0006	Panel Board, Rm G15
4200-PNL0007	Panel Board, 1st Floor, Rm 152
4200-PNL0008	Panel Board, Rm 218
4200-PNL0009	Panel Board, 3rd Floor, Rm 327
4200-PNL0010	Panel Board, 4th Floor, Rm 427
4200-PNL0011	Panel Board, Rm 513
4200-PNL0012	Panel Board, Rm 513
4200-PNL0013	Panel Board, Rm 527
4200-PNL0014	Panel Board, Rm 527
4200-PNL0015	Panel Board, Rm 607
4200-PNL0016	Panel Board, Rm 607
4200-PNL0017	Panel Board, Rm 605
4200-PNL0018	Panel Board, Rm 719
4200-PNL0019	Panel Board, Rm 719
4200-PNL0020	Panel Board, Rm 727
4200-PNL0021	Panel Board, Rm 727
4200-PNL0022	Panel Board, Rm 813
4200-PNL0023	Panel Board, Rm 819
4200-PNL0024	Panel Board, Rm 819
4200-PNL0025	Panel Board, Rm 819
4200-PNL0026	Panel Board, Rm 819
4200-PNL0027	Panel Board, Rm 819
4200-PNL0028	Panel Board, Rm G9, Stairway
4200-PNL0029	Panel Board, Rm G9, Stairway
4200-PNL0030	Panel Board, Rm 925
4200-PNL0031	Panel Board, Rm 925
4200-PNL0032	Panel Board, Rm 925
4200-PNL0033	Panel Board, Rm P107/Rm E11
4200-PNL0034	Panel Board, Rm P107/Rm E11
4200-PNL0035	Panel Board, Rm R0001/ E13
4200-PNL0036	Panel Board, Morris Auditorium Control Rm, Rm 160A
4200-PNL0037	Panel Board, Morris Auditorium Control Rm, Rm 160A
4200-PNL0038	Panel Board, Morris Auditorium Control Rm, Rm 160A
4200-PNL0039	Panel Board, Rm G26E
4200-PNL0040	Panel Board, Rm G26E
4200-PNL0041	Panel Board, Rm G33
4200-PNL0042	Panel Board, Rm G33
4200-PNL0043	Panel Board, Rm G33
4200-PNL0044	Panel Board, Rm G33
4200-PNL0045	Panel Board, Rm 521
4200-PNL0046	Panel Board, Rm 521
4200-PNL0047	Panel Board, Rm 521
4200-PNL0048	Panel Board, Rm 225
4200-PNL0049	Panel Board, Rm 126A
4200-PNL0050	Panel Board, Rm 126A

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4200-PNL0051	Panel Board, Rm 126A
4200-PNL0052	Panel Board, Rm 126A
4200-PNL0053	Panel Board, Rm 333/E4
4200-PNL0054	Panel Board, Rm 333/E4
4200-PNL0055	Panel Board, Rm 423/E5
4200-PNL0056	Panel Board, Rm 423/E5
4200-PNL0057	Panel Board, Rm 521
4200-PNL0058	Panel Board, Rm G34A
4200-PNL0059	Panel Board, Rm G34A
4200-PNL0060	Panel Board, Rm G18
4200-PNL0061	Panel Board, Rm G30
4200-PNL0062	Panel Board, Morris Auditorium Control Rm, Rm 160A
4200-PNL0063	Panel Board, Rm G1
4200-PNL0064	Panel Board, Rm G1
4200-PNL0065	Panel Board, Rm G1
4200-PNL0066	Panel Board, Rm G1
4200-PNL0067	Panel Board, Rm G1
4200-PNL0068	Panel Board, Rm G1
4200-PNL0069	Panel Board, Rm 225
4200-PNL0070	Panel Board, Rm 225
4200-PNL0071	Panel Board, Rm G33
4200-PNL0072	Panel Board, Morris Auditorium Control Rm, Rm 160A
4200-PNL0073	Panel Board, Rm 126A
4200-PNL0074	Panel Board, Rm 126A
4200-PNL0075	Panel Board, Rm G6
4200-PNL0076	Panel Board, Rm G1/E01
4200-PNL0077	Panel Board, Rm G1/E01
4200-PNL0078	Panel Board, Rm G1/E01
4200-PNL0079	Panel Board, Rm G1
4200-PNL0080	Panel Board, Rm 106B/ E12
4200-PNL0081	Panel Board, Rm 106B/ E12
4200-PNL0082	Panel Board, Rm 715A
4200-PNL0083	Panel Board, Rm G15
4200-PNL0084	Panel Board, Rm G15
4200-PNL0085	Panel Board, Rm G9
4200-PNL0086	Panel Board, Rm 919, Hallway
4200-PNL0087	Panel Board, Rm 919, Hallway
4200-PNL0088	Panel Board, Rm P107/ E11
4200-PNL0089	Panel Board, Rm R002/ E14
4200-POLE0001	Flag Pole, Roof Bldg 4200
4200-ROOF0001	Roof, Elevator Roof, Bldg 4200
4200-ROOF0002	Roof, Penthouse, Bldg 4200
4200-ROOF0003	Roof, Main Roof - Lower, Bldg 4200
4200-ROOF0004	Roof, Main Roof - Upper, Bldg 4200
4200-ROOF0005	Roof, Morris Aud, Bldg 4200
4200-ROOF0006	Roof, Morris Aud - Main, Bldg 4200
4200-ROOF0007	Roof, South Office Low Roof, Bldg 4200
4200-ROOF0008	Roof, Ground Level , Bldg 4200
4200-SAF0001	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0001	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0002	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0002	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0003	Supply Air Fan, Rm G1 - Disconnect at fan unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4200-SAF0004	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0005	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SAF0006	Supply Air Fan, Rm G1 - Disconnect at fan unit
4200-SPR0001	Stand Pipe, Rm G1
4200-SS0001	Safety Switch, Room G1/E-01
4200-SS0002	Safety Switch, Room G1/E-01
4200-SS0003	Safety Switch, Room G1/E-01
4200-SS0004	Safety Switch, Room G1/E-01
4200-SS0005	Safety Switch, Room G1/E-01
4200-SS0006	Safety Switch, Room G1/E-01
4200-SS0007	Safety Switch, Room G1/E-01
4200-SS0008	Safety Switch, Room G1/E-01
4200-SS0009	Safety Switch, Room G1/E-01
4200-SS0010	Safety Switch, Room G1/E-01
4200-SS0011	Safety Switch, Room G1/E-01
4200-SS0012	Safety Switch, Room G1/E-01
4200-SS0013	Safety Switch, Room G1/E-01
4200-SS0014	Safety Switch, Room G1/E-01
4200-SS0019	Safety Switch, Room G34B
4200-SS0020	Safety Switch, Room G34C
4200-SS0021	Safety Switch, Room G34C
4200-SS0022	Safety Switch, Room G34C
4200-SS0023	Safety Switch, Room G33
4200-SS0024	Safety Switch, Room G33
4200-SS0025	Safety Switch, Room G33
4200-SS0026	Safety Switch, Room G33
4200-SS0027	Safety Switch, Room G33
4200-SS0028	Safety Switch, Room G18
4200-SS0029	Safety Switch, Room G18
4200-SS0030	Safety Switch, Room G18
4200-SS0031	Safety Switch, Room G18
4200-SS0032	Safety Switch, Room G18
4200-SS0033	Safety Switch, Room G1/E1
4200-SS0034	Safety Switch, Room G1/E1
4200-SS0035	Safety Switch, Room 225
4200-SS0037	Safety Switch, Room 521
4200-SS0038	Safety Switch, Room 521
4200-SS0039	Safety Switch, Room 521
4200-SS0040	Safety Switch, Room 521
4200-SS0041	Safety Switch, Room 527
4200-SS0042	Safety Switch, Room 609
4200-SS0043	Safety Switch, Room 609
4200-SS0044	Safety Switch, Room 609
4200-SS0045	Safety Switch, Room 609
4200-SS0046	Safety Switch, Room 727
4200-SS0047	Safety Switch, Room 727
4200-SS0048	Safety Switch, Room 925
4200-SS0049	Safety Switch, Room R1/E13
4200-SS0050	Safety Switch, Room R1/E13
4200-SS0051	Safety Switch, Room R1/E13
4200-SS0052	Safety Switch, Roof
4200-SS0053	Safety Switch, Room R2/E14
4200-SS0054	Safety Switch, Room R2/E14

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4200-SS0055	Safety Switch, Room R2/E14
4200-SS0056	Safety Switch, Room R2/E14
4200-SS0057	Safety Switch, Room R2/E14
4200-SS0058	Safety Switch, Room R2/E14
4200-SS0059	Safety Switch, Room R2/E14
4200-SS0060	Safety Switch, Room R2/E14
4200-SS0061	Safety Switch, Room G1/E-01
4200-SS0062	Safety Switch, Room G1/E-01
4200-SS0063	Safety Switch, Room G1/E-01
4200-SSS0003	Starter Safety Switch, Room G34C
4200-STRT0002	Starter, Room G1/E-01
4200-STRT0003	Starter, Room G1/E-01
4200-STRT0004	Starter, Room G1/E-01
4200-STRT0006	Starter, Room G1/E1
4200-SUB0001	Substation, South 4200
4200-SWBD0001	Switch Board, Rm G1
4200-SWBD0002	Switch Board, Rm G1
4200-SWBD0003	Switch Board, Rm G1
4200-SWBD0004	Switch Board, Rm G1/E01
4200-SWGR0001	Switch Gear (4160), South Outside
4200-TANK0001	Underground Tank
4200-TMR0001	Timer, Room G1/E-01
4200-TMR0002	Timer, Room G33
4200-UH0001	Unit Heater, Steam, Rm G1J
4200-UPC0001	Unit Power Center, Rm G1
4200-VSC0001	Variable Speed Control, Rm E1/G1- Associ. w/ CHWP
4200-VSC0002	Variable Speed Control, Rm E01/G1- Assoc. w/ CHWP
4200-VSC0003	Variable Speed Control, Rm E01/G1- Assoc. w/ AH-1
4200-XFMR0001	Transformer, Rm 607/E7
4200-XFMR0002	Transformer, Rm 521
4200-XFMR0003	Transformer, Rm 607
4200-XFMR0004	Transformer, Rm 727
4200-XFMR0005	Transformer, Rm 819
4200-XFMR0006	Transformer, Rm 925
4200-XFMR0007	Transformer, Rm P107/E11
4200-XFMR0008	Transformer, Rm 126A
4200-XFMR0009	Transformer, Rm 333/E4
4200-XFMR0010	Transformer, Rm 521
4200-XFMR0011	Transformer, Rm G18
4200-XFMR0012	Transformer, Rm G1
4200-XFMR0013	Transformer, Rm G1
4200-XFMR0014	Transformer, Rm G1
4200-XFMR0015	Transformer, Rm 225
4200-XFMR0016	Transformer, Rm 225
4200-XFMR0017	Control Transformer, Pnl_XL, Rm G1/E01
4200-XFMR0018	Control Transformer, Rm G1
4200-XFMR0019	Control Transformer, Rm 521
4200-XFMR0020	Control Transformer, Rm 819
4200-XFMR0021	Control Transformer, Rm 819
4200-XFMR0022	Control Transformer, Rm 925
4200-XFMR0023	Control Transformer, Rm 225
4200-XFMR0024	Control Transformer, Rm 225
4200-XFMR0025	Transformer, Rm 106B/ E12

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4201-ACMP0001	Air Compressor Control, Rm B9/Rm E1 - Disconnect room E1
4201-ACMP0002	Air Compressor Control, Rm B9 - Disconnect in room B9
4201-ADRY0001	Air Dryer, Rm B9 - Disconnect at dryer
4201-ADRY0002	Air Dryer, Rm B9 - Disconnect at dryer
4201-ATS0001	Auto Transfer Switch, Rm B9
4201-ATS0002	Auto Transfer Switch, Rm B9
4201-CB0001	Circuit Breaker, Room B81
4201-CBS0001	Circuit Breaker Starter, Room E-01
4201-CBS0002	Circuit Breaker Starter, Room E-01
4201-CHWP0001	Chill Water Pump, B9 - Disconnect at pump
4201-CHWP0002	Chill Water Pump, B9 - Disconnect at pump
4201-CHWP0003	Chill Water Pump, B9 - Disconnect at pump
4201-CHWP0004	Chill Water Pump, B9 - Disconnect at pump
4201-CHWP0005	Chill Water Pump, B9 - Disconnect at pump
4201-CRU0005	Computer Room Unit, Rm B-11, PABX - Disconnect at unit
4201-DOOR0001	Sliding Door, North Side 4201
4201-DOOR0002	Sliding Door, East Side 4201
4201-DXAC0001	Direct Expansion AC Unit, Rm 203 - Disconnect at unit
4201-DXAC0002	Direct Expansion AC Unit, Roof - Disconnect at unit
4201-EAF0001	Exhaust Blower Fan, Rm P3/Rm E02, Penthouse - Disconnect in room E2
4201-ELEV0001	Cable Elevator, Roof - Disconnect at elevator
4201-ELEV0002	Cable Elevator, Roof - Disconnect at elevator
4201-ELEV0003	Cable Elevator, Roof - Disconnect at elevator
4201-ELEV0004	Hydraulic Elevator, Basement - Disconnect at elevator
4201-FAS0001	Fire Alarm System, North Entrance
4201-FID0001	Field Interface Device, Rm B9
4201-FIRP0001	Fire Pump, Rm B9 - Disconnect at pump
4201-GEN0001	Emergency Generator, Rm B9
4201-GEN0002	Emergency Generator, Rm B9
4201-HWP0001	Hot Water Pump, Rm B9 - Disconnect at pump
4201-LROD0001	Lightning Protection System, Roof
4201-LTS0001	Emer Lighting - Fluor, Over Cubicle B45
4201-LTS0002	Emergency Lighting - Dry Cell, Over Cubicle B51
4201-LTS0003	Emergency Lighting - Dry Cell, Over Cubicle B35
4201-LTS0004	Emer Lighting - Fluor, Over Cubicle B37
4201-LTS0005	Emer Lighting - Fluor, Over Cubicle B67
4201-LTS0006	Emergency Lighting - Dry Cell, Hall, Near B17A
4201-LTS0007	Emergency Lighting - Dry Cell, Hall, Near B12
4201-LTS0008	Emergency Lighting - Dry Cell, Rm B9/Rm E1
4201-MCC0001	Motor Control Center, Rm B9
4201-PMP0002	Potable Water Pump, Rm B9 - Disconnect at pump
4201-PMP0003	Potable Water Pump, Rm B9 - Disconnect at pump
4201-PMP0005	Water Pump, Rm B9 - Disconnect at pump
4201-PMP0006	Jockey Pump, Rm B9 - Disconnect at pump
4201-PNL0001	Panel Board, Rm 127
4201-PNL0002	Panel Board, Rm B9
4201-PNL0003	Panel Board, Rm B9
4201-PNL0004	Panel Board, Rm B9
4201-PNL0005	Panel Board, Rm B9
4201-PNL0006	Panel Board, Rm B9
4201-PNL0007	Panel Board, Rm 203
4201-PNL0008	Panel Board, Rm 203
4201-PNL0009	Panel Board, Rm 203

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4201-PNL0010	Panel Board, Rm 107, Hallway
4201-PNL0011	Panel Board, Rm 303
4201-PNL0013	Panel Board, Rm B11
4201-PNL0014	Panel Board, Rm B21(Removed)
4201-PNL0015	Panel Board, Rm B21 (Removed)
4201-PNL0016	Panel Board, Hall at Room B81
4201-PNL0016A	Panel Board, Hall at Room B81
4201-PNL0017	Panel Board, Near Cubicle B35
4201-PNL0018	Panel Board, Rm B21 (Removed)
4201-PNL0019	Panel Board, Rm B21 (Removed)
4201-PNL0020	Panel Board, Rm B12, Hallway
4201-PNL0021	Panel Board, Rm B12
4201-PNL0022	Panel Board, Rm 107
4201-PNL0023	Panel Board, Rm 107
4201-PNL0024	Panel Board, Rm 301
4201-PNL0025	Panel Board, Rm 301
4201-PNL0026	Panel Board, Rm 410 (REMOVED)
4201-PNL0027	Panel Board, Rm 410
4201-PNL0028	Panel Board, Rm 437A
4201-PNL0029	Panel Board, Rm 529
4201-PNL0030	Panel Board, Rm 529
4201-PNL0031	Panel Board, Rm 529
4201-PNL0032	Panel Board, Rm 509
4201-PNL0033	Panel Board, Rm 629/Rm E12
4201-PNL0034	Panel Board, Rm 629
4201-PNL0035	Panel Board, Rm 629
4201-PNL0036	Panel Board, Rm 629
4201-PNL0038	Panel Board, Rm B9 (REMOVED)
4201-PNL0043	Panel Board, Hall at Room 617
4201-PNL0044	Panel Board, Hall at Room 611
4201-PNL0045	Panel Board, Room 127
4201-PNL0047	Panel Board, Room 503C
4201-PNL0048	Panel Board, Elevator Equipment Room, E-02
4201-PNL0049	Panel Board, Elevator Equipment Room, E-02
4201-PNL0050	Panel Board, Room 340E
4201-PNL0051	Panel Board, Room 410, E-08
4201-PNL0052	Panel Board, Room 437C
4201-PNL0053	Panel Board, Room 529, E-10
4201-PNL0054	Panel Board, Room E-01
4201-PNL0054A	Panel Board, Room E-01
4201-PNL0054B	Panel Board, Room E-01
4201-RAF0001	Return Air Fan, Rm B9 - Disconnect in panel
4201-RAF0002	Return Air Fan, Rm B9 - Disconnect in panel
4201-ROOF0001	Roof, Main, Bldg 4201
4201-ROOF0002	Roof, Window Washing Track, Bldg 4201
4201-ROOF0003	Roof, Penthouse, Bldg 4201
4201-SAF0001	Supply Air Fan, Rm B9 - Disconnect at fan unit
4201-SAF0002	Supply Air Fan, Rm B9 - Disconnect at fan unit
4201-SLPMP001A	Sewage Pump, Rm B9 - Disconnect at pump
4201-SLPMP001B	Sewage Pump, Rm B9 - Disconnect at pump
4201-SPMP001A	Sump Pump, Rm B9 - Disconnect at pump
4201-SPMP001B	Sump Pump, Rm B9 - Disconnect at pump
4201-SPR0001	Stand Pipe, Rm B9

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4201-SS0001	Safety Switch, Room E-01
4201-SS0002	Safety Switch, Room E-01, Office
4201-SS0003	Safety Switch, Room E-01
4201-SS0004	Safety Switch, Room E-01
4201-SS0005	Safety Switch, Room E-01
4201-SS0006	Safety Switch, Room E-01
4201-SS0007	Safety Switch, Room B-11
4201-SS0008	Safety Switch, Room B-11
4201-SS0009	Safety Switch, Room E-01
4201-SS0010	Safety Switch, Room E-01
4201-SS0011	Safety Switch, Room E-01
4201-SS0012	Safety Switch, Room E-01
4201-SS0013	Safety Switch, Room E-01
4201-SS0014	Safety Switch, Room E-01
4201-SS0015	Safety Switch, Room E-01
4201-SS0016	Safety Switch, Room B81
4201-SS0017	Safety Switch, Room B81
4201-SS0018	Safety Switch, Room 107
4201-SS0019	Safety Switch, Room 203
4201-SS0020	Safety Switch, Room 203
4201-SS0021	Safety Switch, Room 301
4201-SS0022	Safety Switch, Room 301
4201-SS0023	Safety Switch, Room 410
4201-SS0024	Safety Switch, Room 529
4201-SS0025	Safety Switch, Room 629
4201-SS0026	Safety Switch, Roof Area
4201-SS0027	Safety Switch, Penthouse Hall
4201-SS0028	Safety Switch, Room P-3
4201-SS0029	Safety Switch, Penthouse
4201-SSS0001	Starter Safety Switch, Room E-01
4201-SSS0002	Starter Safety Switch, Room E-01
4201-SSS0003	Starter Safety Switch, Room E-01
4201-SSS0004	Starter Safety Switch, Room E-01
4201-SSS0005	Starter Safety Switch, Room E-01
4201-SSS0006	Starter Safety Switch, Room E-01
4201-STRT0001	Starter, Room E-01
4201-STRT0002	Starter, Room E-01
4201-STRT0003	Starter, Room E-01
4201-STRT0004	Starter, Room E-01
4201-STRT0005	Starter, Room E-01
4201-STRT0006	Starter, Room E-01, Office
4201-STRT0007	Starter, Room E-01
4201-STRT0008	Starter, Room E-01
4201-STRT0009	Starter, Room E-01
4201-STRT0010	Starter, Room E-01
4201-STRT0011	Starter, Room E-01
4201-STRT0012	Starter, Room E-01
4201-TANK0001	Diesel Storage Tank
4201-UPC0001	Unit Power Center, Rm B9
4201-VSC0001	Variable Speed Control, Rm E1/B9- Associ. w/ CHWP
4201-VSC0002	Variable Speed Control, Rm E1/B9- Associ. w/ CHWP
4201-XFMR0001	Transformer, Rm B9
4201-XFMR0002	Transformer, Rm B9

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4201-XFMR0003	Transformer, Rm B9
4201-XFMR0004	Transformer, Rm 203
4201-XFMR0005	Transformer, Rm B81
4201-XFMR0006	Transformer, Rm 410
4201-XFMR0007	Transformer, Rm 529
4201-XFMR0008	Transformer, Rm 629
4201-XFMR0009	Transformer, Room B9, E01
4201-XFMR0010	Transformer, Elevator Equipment Room E02
4201-XFMR0011	Transformer, Elevator Equipment Room E02
4201-XFMR0012	Transformer, Elevator Equipment Room E02
4201-XFMR0013	Transformer, Elevator Equipment Room E02
4201-XFMR0014	Transformer, Room B9, E01
4202-ACMP0001	Air Compressor Control, Rm B100 - Disconnect in room B100
4202-ACMP0002	Air Compressor Control, Rm B100 - Disconnect in room B100
4202-ADRY0001	Air Dryer, Rm B100 - Disconnect at dryer
4202-ATS0001	Auto Transfer Switch, Rm B100
4202-CBP0001	Circuit Breaker Panel, Room E-01
4202-CHWP0001	Chill Water Pump, Rm B100 - Disconnect at pump
4202-CHWP0001	Chill Water Pump, Rm B100 - Disconnect at pump
4202-CHWP0002	Chill Water Pump, Rm B100 - Disconnect at pump
4202-CONT0001	Contactor, Room E-01
4202-CONT0002	Contactor, Room E-01
4202-DOOR0001	Sliding Door, South Side Outer Set
4202-DOOR0002	Electric Sliding Door, East end
4202-DOOR0003	Sliding Door, Bldg 4202 - West End Entrance
4202-DOOR0004	Electric Assisted Door, Bldg 4202 - South Side Inner Set
4202-DXAC0001	Direct Expansion AC Unit, Roof - Disconnect at unit
4202-EAF0001	Exhaust Fan Blower, Rm P3/Rm E03 Roof - Disconnect in room E3
4202-ELEV0001	Cable Elevator, Roof - Disconnect at elevator
4202-ELEV0002	Cable Elevator, Roof - Disconnect at elevator
4202-ELEV0003	Cable Elevator, Roof - Disconnect at elevator
4202-ELEV0004	Hydraulic Elevator, Basement - Disconnect at elevator
4202-FAS0001	Fire Alarm System, 1st Floor
4202-FID0001	Field Interface Device, Rm B100
4202-FIRP0001	Fire Pump, Rm E1 West Center - Disconnect at pump
4202-FSP0001	Fire Service Pump Panel, Room E-01
4202-GEN0001	Emergency Generator, Rm B100
4202-HWP0001	Hot Water Pump, Rm B100 - Disconnect at pump
4202-HWP0002	Hot Water Pump, Rm B100 - Disconnect at pump
4202-ICE0001	Ice Machine, 4th Floor, South Hallway - Disconnect at machine
4202-LROD0001	Lightning Protection System, Roof
4202-LTS0001	Emergency Lighting - Dry Cell, Hall, Near Rm B117
4202-LTS0002	Emergency Lighting - Dry Cell, Hall, Near Rm B102
4202-LTS0003	Emergency Lighting - Dry Cell, Hall, Near Rm B26A
4202-LTS0004	Emergency Lighting - Dry Cell, Rm B111A
4202-LTS0005	Emergency Lighting - Dry Cell, Rm B111
4202-LTS0006	Emergency Lighting - Dry Cell, Rm B100/Rm E1
4202-LTS0007	Emergency Lighting - Dry Cell, W. Stairs 4th & 5th
4202-LTS0008	Emergency Lighting - Dry Cell, W. Stairs 3rd & 4th
4202-LTS0009	Emergency Lighting - Dry Cell, W. Stairs 2nd & 3rd
4202-LTS0010	Emergency Lighting - Dry Cell, W. Stairs 1st & 2nd
4202-LTS0011	Emergency Lighting - Dry Cell, E. Stairs 5th & 6th
4202-LTS0012	Emergency Lighting - Dry Cell, E. Stairs 4th & 5th

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4202-LTS0013	Emergency Lighting - Dry Cell, E. Stairs 2nd & 3rd
4202-LTS0014	Emergency Lighting - Dry Cell, E. Stairs 1st & 2nd
4202-LTS0015	Emergency Lighting - Dry Cell, E. Stairs Bsmt & 1
4202-LTS0016	Emergency Lighting - Dry Cell, E. Stairs 3rd & 4th
4202-LTS0017	Emergency Lighting - Dry Cell, W. Stairs 5th & 6th
4202-LTS0018	Emergency Lighting - Dry Cell, W. Stairs Bsmt & 1
4202-MCC0001	Motor Control Center, Rm B100
4202-PMP0002	Potable Water Pump, Rm B100 - Disconnect at pump
4202-PMP0003	Potable Water Pump, Rm B100 - Disconnect at pump
4202-PMP0005	Jockey Pump, Rm E1 West Center - Disconnect at pump
4202-PMP0006	Water Pump, Rm B100 - Disconnect at pump
4202-PNL0001	Panel Board, Rm B100
4202-PNL0002	Panel Board, Rm B100
4202-PNL0003	Panel Board, Rm B100
4202-PNL0004	Panel Board, Rm B100
4202-PNL0005	Panel Board, Rm B101A, Hallway
4202-PNL0006	Panel Board, Rm B104, Hallway
4202-PNL0007	Panel Board, Rm 103
4202-PNL0008	Panel Board, Rm 107
4202-PNL0009	Panel Board, Rm 107
4202-PNL0010	Panel Board, Rm 107
4202-PNL0011	Panel Board, Rm 111
4202-PNL0012	Panel Board, Rm 111
4202-PNL0013	Panel Board, Rm 227
4202-PNL0014	Panel Board, Rm 227
4202-PNL0015	Panel Board, Rm 227
4202-PNL0016	Panel Board, Rm 207, Hallway
4202-PNL0017	Panel Board, Rm 226
4202-PNL0018	Panel Board, Rm 219
4202-PNL0019	Panel Board, Rm 326A
4202-PNL0020	Panel Board, Rm 326A
4202-PNL0021	Panel Board, Rm 326A
4202-PNL0022	Panel Board, Rm 303
4202-PNL0023	Panel Board, Rm 426
4202-PNL0024	Panel Board, Rm 426
4202-PNL0025	Panel Board, Rm 405D
4202-PNL0026	Panel Board, Rm 531
4202-PNL0027	Panel Board, Rm 531
4202-PNL0028	Panel Board, Rm 508, Hallway
4202-PNL0029	Panel Board, Rm 620
4202-PNL0030	Panel Board, Rm 620
4202-PNL0031	Panel Board, Rm 406
4202-PNL0032	Panel Board, Stairwell to Roof
4202-PNL0033	Panel Board, Rm 531
4202-PNL0034	Panel Board, Rm B104
4202-PNL0035	Panel Board, Rm P1/Rm E04 - Penthouse
4202-PNL0036	Panel Board, Room E03 Penthouse
4202-PNL0037	Panel Board, Room B100, E01
4202-PNL0038	Panel Board, Room 125
4202-PNL0039	Panel Board, Room 531
4202-RAF0001	Return Air Fan, Rm B100 - Disconnect in panel
4202-RAF0001	Return Air Fan, Rm B100 - Disconnect in panel
4202-RAF0002	Return Air Fan, Rm B100 - Disconnect in panel

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4202-ROOF0001	Roof, Main, Bldg 4202
4202-ROOF0002	Roof, Window Washing Track, Bldg 4202
4202-ROOF0003	Roof, Penthouse, Bldg 4202
4202-SAF0001	Supply Air Fan, Rm B100 - Disconnect at fan unit
4202-SAF0001	Supply Air Fan, Rm B100 - Disconnect at fan unit
4202-SAF0002	Supply Air Fan, Rm B100 - Disconnect at fan unit
4202-SLPMP001A	Sewage Pump, Rm B100 - Disconnect at pump
4202-SLPMP001B	Sewage Pump, Rm B100 - Disconnect at pump
4202-SPMP001A	Sump Pump, Rm B100 - Disconnect at pump
4202-SPMP001B	Sump Pump, Rm B100 - Disconnect at pump
4202-SPR0001	Stand Pipe, Rm B100
4202-SS0001	Safety Switch, Room E-01
4202-SS0002	Safety Switch, Room E-01
4202-SS0003	Safety Switch, Room E-01
4202-SS0004	Safety Switch, Room E-01
4202-SS0005	Safety Switch, Room E-01
4202-SS0006	Safety Switch, Room E-01
4202-SS0007	Safety Switch, Room E-01
4202-SS0008	Safety Switch, Room E-01
4202-SS0009	Safety Switch, Room E-01
4202-SS0010	Safety Switch, Room B109D
4202-SS0011	Safety Switch, Room E-01
4202-SS0012	Safety Switch, Room P-3
4202-SS0013	Safety Switch, Roof
4202-SSS0001	Starter Safety Switch, E-01
4202-SSS0002	Starter Safety Switch, Room E-01
4202-SSS0003	Starter Safety Switch, Room E-01
4202-SSS0004	Starter Safety Switch, Room E-01
4202-SSS0005	Starter Safety Switch, Room E-01
4202-SSS0006	Starter Safety Switch, Room E-01
4202-SSS0007	Starter Safety Switch, Room E-01
4202-SSS0008	Starter Safety Switch, Room E-01
4202-SSS0009	Starter Safety Switch, Room E-01
4202-SSS0010	Starter Safety Switch, Room E-01
4202-STRT0001	Starter, Room E-01
4202-STRT0003	Starter, Room E-01
4202-STRT0004	Starter, Room E-01
4202-STRT0005	Starter, Room E-01
4202-STRT0006	Starter, Room E-01
4202-STRT0007	Starter, Room E-01
4202-TANK0001	Underground Tank
4202-TMR0001	Timer, Room E-01
4202-TMR0002	Timer, Room E-01
4202-UPC0001	Unit Power Center, Rm B100
4202-VSC0001	Variable Speed Control, Rm E1/B100 Associ. w/ CHWP
4202-VSC0002	Variable Speed Control, Room B100, E01
4202-VSC0003	Variable Speed Control, Room B100, E01
4202-VSC0004	Variable Speed Control, Room B100, E01
4202-VSC0005	Variable Speed Control, Room B100, E01
4202-VSC0006	Variable Speed Control, Room B100, E01
4202-XFMR0001	Transformer, Rm 326A
4202-XFMR0002	Transformer, Rm B100
4202-XFMR0003	Transformer, Rm B100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4202-XFMR0004	Transformer, Rm 227
4202-XFMR0005	Transformer, Rm 426
4202-XFMR0006	Transformer, Rm 620
4202-XFMR0007	Transformer, Rm P1/Rm E04 Penthouse
4202-XFMR0008	Transformer, Rm P1/Rm E04
4202-XFMR0009	Transformer, Rm P1/Rm E04
4202-XFMR0010	Transformer, Rm P1/Rm E04
4202-XFMR0011	Transformer, Room B100, E01
4203-AH0002	Air Handling Unit, Rm 2003 - Disconnect on unit
4203-AH0002	Air Handling Unit, Rm 2003 - Disconnect on unit
4203-AH0003	Air Handling Unit, Rm 3003 - Disconnect on unit
4203-AH0003	Air Handling Unit, Rm 3003 - Disconnect on unit
4203-AH0004	Air Handling Unit, Rm 4003 - Disconnect on unit
4203-AH0004	Air Handling Unit, Rm 4003 - Disconnect on unit
4203-AH0005	Air Handling Unit, Rm 5003 - Disconnect on unit
4203-AH0005	Air Handling Unit, Rm 5003 - Disconnect on unit
4203-AH0006	Air Handling Unit, Rm 6003 - Disconnect on unit
4203-AH0006	Air Handling Unit, Rm 6003 - Disconnect on unit
4203-AH0007	Air Handling Unit, Penthouse - Disconnect on unit
4203-AH00B1	Air Handling Unit, Basement Rm B200A/E-4- Disconnect on unit
4203-AH00B1	Air Handling Unit, Basement Rm B200A/E-4- Disconnect on unit
4203-AH00B2	Air Handling Unit, Basement Rm B200A/E-4 - Disconnect on unit
4203-AH00B3	Air Handling Unit, Basement Rm B200A/E-4 - Disconnect on unit
4203-ATS0001	Auto Transfer Switch, Rm B200
4203-ATS0002	Auto Transfer Switch, Rm B200B
4203-BFP0001	Back Flow Preventer - Hot, Rm B200
4203-CBP0001	Circuit Breaker Panel, Room B200B
4203-CHWP0001	Chill Water Pump, Basement - Disconnect at pump
4203-CHWP0002	Chill Water Pump, Basement - Disconnect at pump
4203-CHWP0003	Chill Water Pump, Basement - Disconnect at pump
4203-COIL002A	Chilled Water Coil, AH0002, Rm 2003
4203-COIL002B	Hot Water/Steam Coil, AH0002, Rm 2003
4203-COIL003A	Chilled Water Coil, AH0003, Rm 3003
4203-COIL003B	Hot Water/Steam Coil, AH0003, Rm 3003
4203-COIL004A	Chilled Water Coil, AH0004, Rm 4003
4203-COIL004B	Hot Water/Steam Coil, AH0004, Rm 4003
4203-COIL005A	Chilled Water Coil, AH0005, Rm 5003
4203-COIL005B	Hot Water/Steam Coil, AH0005, Rm 5003
4203-COIL006A	Chilled Water Coil, AH0006, Rm 6003
4203-COIL006B	Hot Water/Steam Coil, AH0006, Rm 6003
4203-COIL007A	Chilled Water Coil, AH0007, Penthouse
4203-COIL007B	Hot Water/Steam Coil, AH0007, Penthouse
4203-COIL0B1A	Chilled Water Coil, AH00B1, Rm B200A/E-4
4203-COIL0B1B	Hot Water/Steam Coil, AH00B1, Rm B200A/E-4
4203-COIL0B2A	Chilled Water Coil, AH00B2, Rm B200A/E-4
4203-COIL0B2B	Hot Water/Steam Coil, AH00B2, Rm B200A/E-4
4203-COIL0B3A	Chilled Water Coil, AH00B3, Rm B200A/E-4
4203-COIL0B3B	Hot Water/Steam Coil, AH00B3, Rm B200A/E-4
4203-CONT0001	Contact, Room B200B
4203-CONT0002	Contact, Room B200B
4203-CPL0001	Control Panel, Room B200
4203-CPL0001A	Control Panel, Room B200A
4203-CPNL0001	Control Panel, Rm B200

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-CRU0001	Computer Room Unit, Rm B302A (in closet) - Disconnect at unit
4203-CRU0002	Computer Room Unit, Rm B302 - Disconnect at unit
4203DOCK0001	Loading Dock #1, East Side, Bldg 4203
4203-DOOR0001	Electric Personnel Door, South West Side - Disconnect in panel
4203-DOOR0002	Electric Personnel Door, North West Side - Disconnect in panel
4203-DOOR0003	Electric Personnel Door, South West Side - Disconnect in panel
4203-DOOR0004	Electric Personnel Door, North West Side - Disconnect in panel
4203-DPIP0001	Drain, Kitchen, Rm 1101
4203-EAF0001	Exhaust Blower Fan, Basement - Disconnect at fan motor
4203-EAF0002	Exhaust Blower Fan, Rm B101 - Disconnect at fan motor
4203-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4203-EAF0004	Exhaust Blower Fan, Roof - Disconnect at fan motor
4203-EAF0005	Exhaust Blower Fan, Roof - Disconnect at fan motor
4203-EAF0006	Exhaust Blower Fan, Roof - Disconnect at fan motor
4203-EAF0007	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0008	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0009	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0010	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0011	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0012	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-EAF0013	Exhaust Blower Fan, Elevator Rm - Disconnect at fan motor
4203-ELEV0001	Cable Elevator, Roof - Disconnect at elevator
4203-ELEV0002	Cable Elevator, Roof - Disconnect at elevator
4203-ELEV0003	Cable Elevator, Roof - Disconnect at elevator
4203-ELEV0004	Cable Elevator, Roof - Disconnect at elevator
4203-ELEV0005	Cable Elevator, Roof - Disconnect at elevator
4203-FAS0001	Fire Alarm System, Rm B101A
4203-FIRP0001	Fire Pump, Rm B101 - Disconnect at pump
4203-FIRP0002	Fire Pump, Rm B101 - Disconnect at pump
4203-FSS0001	Fire Suppression System, Kitchen, Rm 1101
4203-FSS0002	Fire Suppression System, Kitchen, Rm 1101
4203-FSS0003	Fire Suppression System, Snack Bar, Rm 1101
4203-GEN0001	Emergency Generator, North Outside
4203-HWHD0001	Hot Water Heater - Domestic, Rm 101 - Disconnect at heater
4203-HWHD0002	Hot Water Heater - Domestic, Rm B101 - Disconnect at heater
4203-HWHD0003	Hot Water Heater - Domestic, Rm 1108 - Disconnect at heater
4203-HWP0001	Hot Water Pump, Rm B200 - Disconnect at pump
4203-HWP0002	Hot Water Pump, Rm B200 - Disconnect at pump
4203-HWP0003	Hot Water Pump, Rm B200 - Disconnect at pump
4203-HWP0004	Pump Hot Water, E-1/B101, Ceiling
4203-ICE0001	Ice Machine, Rm 6441 - Disconnect at machine
4203-KCOL0001	Condensing Unit, Basement 4203
4203-KCOL0001	Condensing Unit, Basement 4203
4203-KCOL0002	Condensing Unit, Basement 4203
4203-KCOL0002	Condensing Unit, Basement 4203
4203-KCOL0003	Cooler, Grille Area, Rm 1101
4203-KCOL0004	Milk Cooler, Rm 1300
4203-KCOL0005	Cooler/Freezer, Rm 1300 - Disconnect at freezer
4203-KCOL0006	Table Cooler, Rm 1300
4203-KDSP0001	Disposal, Kitchen, Rm 1101 - Disconnect at disposal
4203-KDSP0002	Disposal, Kitchen, Rm 1101 - Disconnect at disposal
4203-KDSP0003	Disposal, Dishwashing Area, Rm 1101 - Disconnect at disposal
4203-KDW0001	Dish Washer, Rm 1101 - Disconnect at washer

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-KFRY0001	Fryer, Kitchen, Rm 1101 - Disconnect at electrical panel
4203-KFRY0002	Fryer, Grille Area, Rm 1101 - Disconnect at electrical panel
4203-KFRZ0001	Freezer, Kitchen, Rm 1101 - Disconnect at electrical panel - Disconnect at electrical panel
4203-KFRZ0001	Freezer, Kitchen, Rm 1101 - Disconnect at electrical panel - Disconnect at electrical panel
4203-KFRZ0002	Freezer, Snack Bar, Rm 1101 - Disconnect at electrical panel
4203-KFRZ0003	Freezer, Rm 1300 - Disconnect at electrical panel
4203-KGRL0001	Grille, Rm 1101
4203-KGRL0002	Grille, Rm 1300
4203-KGRL0003	Grille, Rm 1300
4203-KICE0001	Ice Machine, Kitchen - Disconnect at machine
4203-KICE0002	Ice Machine, Kitchen
4203-KICE0003	Ice Machine, Rm 1300 - Disconnect at machine
4203-KICR0001	Ice Cream Machine, Rm 1300
4203-KKET0001	Steam Kettle, Kitchen
4203-KKET0002	Steam Kettle, Kitchen
4203-KMSK0001	Milk Shake Machine, Rm 1300
4203-KOVN0001	Oven, Kitchen
4203-KOVN0002	Oven, Kitchen
4203-KOVN0003	Oven, Kitchen
4203-KOVN0004	Oven, Kitchen
4203-KSAN0001	Sanitizer, Kitchen
4203-KSAN0002	Sanitizer, Kitchen
4203-KSKL0001	Steam Skillet, Kitchen
4203-KSLD0001	Salad Bar, Rm 1300
4203-KSLD0002	Salad Bar, Rm 1300
4203-KSTM0001	Steamer, Kitchen
4203-KSTV0001	Stove, Kitchen
4203-KSTV0002	Stove, Kitchen
4203-KVHD0001	Vent Hood, Snack Bar, Rm 1101 - Disconnect at hood
4203-KVHD0002	Vent Hood, Kitchen - Disconnect at hood
4203-KVHD0003	Vent Hood, Kitchen - Disconnect at hood
4203-KVHD0004	Vent Hood, Snack Bar, Rm 1101 - Disconnect at hood
4203-KWRM0001	Food Warmer, Rm 1300
4203-KWRM0002	Food Warmer, Rm 1300
4203-KWRM0003	Food Warmer, Rm 1300
4203-KWRM0004	Food Warmer, Rm 1300
4203-KWRM0005	Food Warmer, Rm 1300
4203-KWRM0006	Food Warmer, Rm 1300
4203-LTS0001	Emergency Lighting - Fluoresc, Aisle near Rm 4304
4203-LTS0002	Emergency Lighting - Dry Cell, Rm B200B
4203-LTS0003	Emergency Lighting - Fluorescent, Hall, 4th Floor
4203-LTS0004	Emergency Lighting - Fluoresc, Aisle, near Rm 4409
4203-LTS0005	Emergency Lighting - Fluoresc, Aisle, near Rm 4106
4203-LTS0006	Emergency Lighting - Fluorescent, Rm 5006A
4203-LTS0007	Emergency Lighting - Fluoresc, Hall, Near Rm 5436
4203-LTS0008	Emergency Lighting - Fluoresc, Hall, Near Rm 5322
4203-LTS0009	Emergency Lighting - Fluor, NW Hall, Elevator 5th
4203-LTS0010	Emergency Lighting - Fluorescent, Rm 5002, North
4203-LTS0011	Emergency Lighting - Fluorescent, Rm 5002, South
4203-LTS0012	Emergency Lighting - Fluor, SW Hall, Elevator 5th (REMOVED 8/ 03)
4203-LTS0013	Emergency Lighting - Fluorescent, Rm 5001A
4203-LTS0014	Emergency Lighting - Fluoresc, Hall, Near Rm 5137
4203-LTS0015	Emergency Lighting - Fluoresc, Aisle, Near Rm 5153

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-LTS0016	Emergency Lighting - Fluoresc, Aisle, Near Rm 5215
4203-LTS0017	Emergency Lighting - Fluoresc, Aisle, Near Rm 5414
4203-LTS0018	Emergency Lighting - Fluor, Hall, S Stairs, 5th
4203-LTS0019	Emergency Lighting - Fluoresc, Aisle, Near Rm 5106
4203-LTS0020	Emergency Lighting - Fluoresc, Aisle, Near Rm 5128
4203-LTS0021	Emergency Lighting - Fluor, NW Hall, Elevator 3rd
4203-LTS0022	Emergency Lighting - Fluoresc, Hall, Near Rm 3216
4203-LTS0023	Emergency Lighting - Fluoresc, Hall, Near Rm 3313
4203-LTS0024	Emergency Lighting - Fluorescent, Rm 3006A
4203-LTS0025	Emergency Lighting - Fluores, Hall, Near Rm 3440
4203-LTS0026	Emergency Lighting - Fluorescent, Rm 3001A
4203-LTS0027	Emergency Lighting - Fluores, Hall, Near Rm 3132
4203-LTS0028	Emergency Lighting - Fluorescent, Rm 3248
4203-LTS0029	Emergency Lighting - Fluorescent, Rm 3304
4203-LTS0030	Emergency Lighting - Fluores, Aisle, Near Rm 3410
4203-LTS0031	Emergency Lighting - Fluor, Hall, S Stairs 3rd Fl
4203-LTS0032	Emergency Lighting - Fluorsc, Aisle, Near Rm 3109
4203-LTS0033	Emergency Lighting - Fluorsc, Aisle, Near Rm 3129
4203-LTS0034	Emergency Lighting - Fluorsc, Rm 4001A (REMOVED 8/03)
4203-LTS0035	Emergency Lighting - Fluorscent, Rm 4006A
4203-LTS0036	Emergency Lighting - Fluors, Hall, Near Rm 4438
4203-LTS0037	Emergency Lighting - Fluors, NW Hall, Elevator 4th
4203-LTS0038	Emergency Lighting - Fluors, Hall, Near Rm 4135
4203-LTS0039	Emergency Lighting - Fluors, Aisle, Near Rm 4201
4203-LTS0040	Emergency Lighting - Fluors, Aisle, Near Rm 4217
4203-LTS0041	Emergency Lighting - Fluors, Aisle, Near Rm 4248
4203-LTS0042	Emergency Lighting - Fluors, SW Hall, Elevator 3rd
4203-LTS0043	Emergency Lighting - Fluorscent, Rm 3201
4203-LTS0044	Emergency Lighting - Fluor, SW Hall, Elevator 4th
4203-LTS0045	Emergency Lighting - Fluorscent, SW Entrance 1st
4203-LTS0046	Emergency Lighting - Fluorscent, Rm 1104A
4203-LTS0047	Emergency Lighting - Fluor, S Stairs, S Light, 1st
4203-LTS0048	Emergency Lighting - Fluor, S Stairs, N Light, 1st
4203-LTS0049	Emergency Lighting - Fluor, Elevator Lobby, 1st
4203-LTS0050	Emergency Lighting - Fluor, Entrance, Near Rm 1202
4203-LTS0051	Emergency Lighting - Fluor, N Stairs, N Lights 1st
4203-LTS0052	Emergency Lighting - Fluor, N Stairs, S Lights 1st
4203-LTS0053	Emergency Lighting - Fluor, Near N. Stair Door 1Fl
4203-LTS0054	Emergency Lighting - Fluorscent, Rm 1001A
4203-LTS0055	Emergency Lighting - Fluorscent, Rm 1006A
4203-LTS0056	Emergency Lighting - Fluorscent, Rm 1300 North
4203-LTS0057	Emergency Lighting - Fluor, R 1300 S. Tray Return
4203-LTS0058	Emergency Lighting - Fluorscent, Rm 1300 Serving
4203-LTS0059	Emergency Lighting - Fluors, Hall, Near Rm B004
4203-LTS0060	Emergency Lighting - Fl, Hall, Near Bsmt S Stairs
4203-LTS0061	Emergency Lighting - Fluors, Hall, Near Rm B101
4203-LTS0062	Emergency Lighting - Dry Cell, Rm B200B S.
4203-LTS0063	Emergency Lighting - Fluorscent, Rm B200, Center
4203-LTS0064	Emergency Lighting - Fluorscent, Rm B200A SW
4203-LTS0065	Emergency Lighting - Fluorscent, Rm B200A East
4203-LTS0066	Emergency Lighting - Fluorscent, Rm B200A NW
4203-LTS0067	Emergency Lighting - Fluorscent, Rm B200A Center W
4203-LTS0068	Emergency Lighting - Fluor, Hall, Near Rm 1204

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-LTS0069	Emergency Lighting - Fluor, Hall, Near Rm 1107
4203-LTS0070	Emergency Lighting - Fluorscent, Rm B100
4203-LTS0071	Emergency Lighting - Fluorscent, Rm B003A
4203-LTS0072	Emergency Lighting - Fluorscent, Rm B300
4203-LTS0073	Emergency Lighting - Fluorscent, Rm B304
4203-LTS0074	Emergency Lighting - Fluorscent, Rm B303
4203-LTS0075	Emergency Lighting - Fluorscent, Rm B302
4203-LTS0076	Emergency Lighting - Fluor, In Hall, Near Rm B302
4203-LTS0077	Emergency Lighting - Fluors, Hall, Near Rm B200A
4203-LTS0078	Emergency Lighting - Fluors, In Rm 2002 N.
4203-LTS0079	Emergency Lighting - Fluors, SW Hall Elevator, 2nd
4203-LTS0080	Emergency Lighting - Fluors, NW Hall Elevator, 2nd
4203-LTS0081	Emergency Lighting - Fluorscent, Rm 2224
4203-LTS0082	Emergency Lighting - Fluorscent, Rm 2006A
4203-LTS0083	Emergency Lighting - Fluors, Hall, Near Rm 2315
4203-LTS0084	Emergency Lighting - Fluors, Hall, Near Rm 2210
4203-LTS0085	Emergency Lighting - Fluors, Hall, Near Rm 2117
4203-LTS0086	Emergency Lighting - Fluors, Aisle, Near Rm 2209
4203-LTS0087	Emergency Lighting - Fluorscent, Rm 2311
4203-LTS0088	Emergency Lighting - Fluorscent, Rm 2320
4203-LTS0089	Emergency Lighting - Fluors, Aisle, Near Rm 2409
4203-LTS0090	Emergency Lighting - Fluors, Hall, Near Rm 2434
4203-LTS0091	Emergency Lighting - Fluors, Hall, Stair S, 2nd Fl
4203-LTS0092	Emergency Lighting - Fluors, Aisle, Near Rm 2100
4203-LTS0093	Emergency Lighting - Fluors, Hall, Near Rm 6307
4203-LTS0094	Emergency Lighting - Fluorscent, Rm 6001A
4203-LTS0095	Emergency Lighting - Fluors, Hall, Near Rm 6441
4203-LTS0096	Emergency Lighting - Fluors, NW Hall, Elevator 6th
4203-LTS0097	Emergency Lighting - Fluors, SW Hall, Elevator 6th
4203-LTS0098	Emergency Lighting - Fluors, Hall, Rm 6132
4203-LTS0099	Emergency Lighting - Fluors, Aisle, Near Rm 6211
4203-LTS0100	Emergency Lighting - Fluors, Aisle, Near Rm 6254
4203-LTS0101	Emergency Lighting - Fluors, Aisle, Near Rm 6304
4203-LTS0102	Emergency Lighting - Fluors, Aisle, Near Rm 6411
4203-LTS0103	Emergency Lighting - Fluors, Aisle, Near Rm 6108
4203-LTS0104	Emergency Lighting - Fluors, Aisle, Near Rm 6128
4203-LTS0105	Emergency Lighting - Fluors, Hall, S Stairs, 6th
4203-LTS0106	Emergency Lighting - Fluors, Hall, Near Rm 6216
4203-LTS0108	Emergency Lighting - Fluorscent, Rm 6006A
4203-LTS0109	Emergency Lighting - Fluorscent, Rm B001A
4203-LTS0110	Emergency Lighting - Fluorscent, Rm B003A
4203-LTS0111	Emergency Lighting - Fluorscent, N. Stairs, Bsmnt.
4203-LTS0112	Emergency Lighting - Flurs, N. Stairs, Bsmnt. & 1
4203-LTS0113	Emergency Lighting - Flurs, N. Stairs, Btwn 1 & 2
4203-LTS0114	Emergency Lighting - Flurs, N. Stairs, 2nd Fl
4203-LTS0115	Emergency Lighting - Flurs, N. Stairs, Btwn 2 & 3
4203-LTS0116	Emergency Lighting - Flurs, N. Stairs, 3rd Fl
4203-LTS0117	Emergency Lighting - Flurs, N. Stairs, Btwn 3rd & 4th
4203-LTS0118	Emergency Lighting - Flurs, N. Stairs, 4th
4203-LTS0119	Emergency Lighting - Flurs, N. Stairs, Btwn 4 & 5
4203-LTS0120	Emergency Lighting - Flurs, N. Stairs, 5th
4203-LTS0121	Emergency Lighting - Flurs, N. Stairs, Btwn 5 & 6
4203-LTS0122	Emergency Lighting - Flurs, N. Stairs, 6th

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-LTS0123	Emergency Lighting - Flurs, Near Rm 3313
4203-LTS0124	Emergency Lighting - Flurs, Near Conf. Rm 4218
4203-LTS0125	Emergency Lighting - Flurs, S. Stairs, Bsmnt.
4203-LTS0126	Emergency Lighting - Flurs, S. Stairs, Bsmnt & 1
4203-LTS0127	Emergency Lighting - Flurs, S. Stairs, Btwn 1 & 2
4203-LTS0128	Emergency Lighting - Flurs, S. Stairs 2nd
4203-LTS0129	Emergency Lighting - Flurs, S. Stairs, Btwn 2 & 3
4203-LTS0130	Emergency Lighting - Flurs, S. Stairs, 3rd
4203-LTS0131	Emergency Lighting - Flurs, S. Stairs, Btwn 3 & 4
4203-LTS0132	Emergency Lighting - Flurs, S. Stairs, 4th
4203-LTS0133	Emergency Lighting - Flurs, S. Stairs, Btwn 4 & 5
4203-LTS0134	Emergency Lighting - Flurs, S. Stairs, 5th
4203-LTS0135	Emergency Lighting - Flurs, S. Stairs, Btwn 5 & 6
4203-LTS0136	Emergency Lighting - Flurs, S. Stairs, 6th
4203-LTS0137	Emergency Lighting - Flurs, S. Stairs, Btwn 6 & 7
4203-LTS0138	Emergency Lighting - Flurs, S. Stairs, 7th (Roof Level)
4203-LTS0139	Emer Lighting - Fluor, Outside Rm 1234
4203-LTS0140	Emer Lighting - Fluor, Rm 1203, Near Cubicle 1216
4203-LTS0141	Emer Lighting - Fluor, Hallway, Outside Rm 1232
4203-LTS0142	Emer Lighting - Fluor, Outside Rm 1244
4203-LTS0143	Emer Lighting - Fluor, Hall at Room 5216
4203-LTS0144	Emer Lighting - Fluor, Hall at Room 6147
4203-LTS0145	Emer Lighting - Fluor, Conference Room 6002
4203-LTS0146	Emer Lighting - Fluor, Conference Room 6002
4203-LTS0147	Emer Lighting - Fluor, Conference Room 1215
4203-LTS0148	Emer Lighting - Fluor, Conference Room 2002
4203-LTS0149	Emer Lighting - Fluor, Room 2142
4203-LTS0150	Emer Lighting - Fluor, South Stairs to basement
4203-LTS0151	Emer Lighting - Fluor, South Stairs to basement
4203-LTS0152	Emer Lighting - Fluor, Conference Room 4002
4203-LTS0153	Emer Lighting - Fluor, Conference Room 4002
4203-LTS0154	Emer Lighting - Fluor, Conference Room 3002
4203-LTS0155	Emer Lighting - Fluor, Conference Room 3002
4203-LTS0156	Emer Lighting - Fluor, Conference Room 1201
4203-MCC0001	Motor Control Center, Rm B200B
4203-MCC0002	Motor Control Center, Penthouse
4203-PMP0002	Potable Water Pump, Rm B101 - Disconnect at pump
4203-PMP0002	Potable Water Pump, Rm B101 - Disconnect at pump
4203-PMP0003	Potable Water Pump, Rm B101 - Disconnect at pump
4203-PMP0004	Potable Water Pump, Rm B101 - Disconnect at pump
4203-PMP0004	Potable Water Pump, Rm B101 - Disconnect at pump
4203-PMP0006	Water Pump, Rm B101 - Disconnect at pump
4203-PMP0007	Irrigation Pump, Basement 4203 - Disconnect at pump
4203-PNL0001	Panel Board, Rm B200B
4203-PNL0002	Panel Board, Rm B200B
4203-PNL0003	Panel Board, Rm B200B
4203-PNL0004	Panel Board, Rm B200B
4203-PNL0005	Panel Board, Rm B200B
4203-PNL0006	Panel Board, Rm B200B
4203-PNL0007	Panel Board, Rm B200B
4203-PNL0008	Panel Board, Rm B200B
4203-PNL0009	Panel Board, Rm B200B
4203-PNL0010	Panel Board, Rm B200B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-PNL0011	Panel Board, Rm 2003
4203-PNL0012	Panel Board, Rm 2003
4203-PNL0013	Panel Board, Rm 2003
4203-PNL0014	Panel Board, Rm 2003
4203-PNL0015	Panel Board, Rm 2003
4203-PNL0016	Panel Board, Rm 2003
4203-PNL0016A	Panel Board, Hall at Room B81
4203-PNL0017	Panel Board, Rm 3003
4203-PNL0018	Panel Board, Rm 3003
4203-PNL0019	Panel Board, Rm 3003
4203-PNL0020	Panel Board, Rm 3003
4203-PNL0021	Panel Board, Rm 3003
4203-PNL0022	Panel Board, Rm 3003
4203-PNL0023	Panel Board, Rm 4003
4203-PNL0024	Panel Board, Rm 4003
4203-PNL0025	Panel Board, Rm 4003
4203-PNL0026	Panel Board, Rm 4003
4203-PNL0027	Panel Board, Rm 4003
4203-PNL0028	Panel Board, Rm 4003
4203-PNL0029	Panel Board, Rm 5003
4203-PNL0030	Panel Board, Rm 5003
4203-PNL0031	Panel Board, Rm 5003
4203-PNL0032	Panel Board, Rm 5003
4203-PNL0033	Panel Board, Rm 5003
4203-PNL0034	Panel Board, Rm 5003
4203-PNL0035	Panel Board, Rm 5003
4203-PNL0036	Panel Board, Rm 6003
4203-PNL0037	Panel Board, Rm 6003
4203-PNL0038	Panel Board, Rm 6003
4203-PNL0039	Panel Board, Rm 6003
4203-PNL0040	Panel Board, Rm 6003
4203-PNL0041	Panel Board, Kitchen
4203-PNL0042	Panel Board, Kitchen
4203-PNL0043	Panel Board, Kitchen
4203-PNL0044	Panel Board, Rm 1002
4203-PNL0045	Panel Board, Rm 1002
4203-PNL0046	Panel Board, Rm 1002
4203-PNL0047	Panel Board, Rm 1002
4203-PNL0048	Panel Board, Rm 1002
4203-PNL0049	Panel Board, Rm 6003
4203-PNL0050	Panel Board, Penthouse
4203-PNL0055	Panel Board, Room 2003, E-07
4203-PNL0059	Panel Board, Room B-101
4203-PNL0060	Panel Board, Room 1201A
4203-PNL0061	Panel Board, Room 3003
4203-PNL0062	Panel Board, Room 4003, E-09
4203-PNL0063	Panel Board, Room 5003
4203-PNL0064	Panel Board, Room 5003
4203-PNL0065	Panel Board, Room 6003
4203-PNL0066	Panel Board, Room 6003
4203-PNL0070	Panel Board, Room 2003
4203-ROOF0001	Roof, Main, Bldg 4203
4203-ROOF0002	Roof, Elevator Equipment Rm, Bldg 4203

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-ROOF0003	Roof, Stairwell, Bldg 4203
4203-SLPM001	Sewage Pump, Rm B004 - Disconnect at pump
4203-SPMP001	Sewage Pump, Rm B106
4203-SPR0001	Sprinkler System, Basement
4203-SS0001	Safety Switch, Room B200B
4203-SS0002	Safety Switch, Room B101
4203-SS0003	Safety Switch, Room B101
4203-SS0004	Safety Switch, Room B101
4203-SS0005	Safety Switch, Room B101
4203-SS0006	Safety Switch, Room B101
4203-SS0007	Safety Switch, Room B101
4203-SS0020	Safety Switch, Penthouse
4203-SS0021	Safety Switch, Penthouse
4203-SS0022	Safety Switch, Penthouse
4203-SS0024	Safety Switch, Penthouse
4203-SS0025	Safety Switch, Penthouse
4203-SS0026	Safety Switch, Penthouse
4203-SSS0001	Starter Safety Switch, Room B200
4203-SSS0002	Starter Safety Switch, Room B200
4203-SSS0003	Starter Safety Switch, Room B101
4203-STRT0011	Starter, Penthouse
4203-TMR0001	Timer, Room B101
4203-TMR0002	Timer, Room B101
4203-TRP0001	Steam Trap, Steam Station Rm B200A (031-00001)
4203-TRP0002	Steam Trap, Steam Station Rm B200A (031-00002)
4203-TRP0003	Steam Trap, East Wall Rm B200A (031-00003)
4203-TRP0004	Steam Trap, Hot Water Converter Rm B200A (031-00004)
4203-TRP0005	Steam Trap, Hot Water Converter Rm B200A (031-00005)
4203-UH0001	Unit Heater Steam, E-1/B101
4203-UH0002	Unit Heater Steam, E-2/B200
4203-UH0003	Unit Heater Steam, E-4/B200A
4203-UPC0001	Unit Power Center, Rm B200B
4203-VSC0001	Variable Speed Control, Rm E2/B200 Associ. w/ CHWP
4203-VSC0002	Variable Speed Control, Rm E2/B200 Associ. w/ CHWP
4203-VSC0003	Variable Speed Control, Rm Penthouse - Associ. w/
4203-VSC0004	Variable Speed Control, Rm Penthouse - Associ. w/
4203-VSC0005	Variable Speed Control, Room B200B, Basement
4203-VSC0006	Variable Speed Control, Room 2003, E-07
4203-VSC0007	Variable Speed Control, Room 3003, E-08
4203-VSC0008	Variable Speed Control, Room 4003, E-09
4203-VSC0009	Variable Speed Control, Room 5003, E-10
4203-VSC0010	Variable Speed Control, Room 6003, E-11
4203-XFMR0001	Transformer, Rm B004
4203-XFMR0002	Transformer, Rm B200B
4203-XFMR0003	Transformer, Rm B200B
4203-XFMR0004	Transformer, Rm B200B
4203-XFMR0005	Transformer, Rm 2003
4203-XFMR0006	Transformer, Rm 2003
4203-XFMR0007	Transformer, Rm 3003
4203-XFMR0008	Transformer, Rm 3003
4203-XFMR0009	Transformer, Rm 4003
4203-XFMR0010	Transformer, Rm 4003
4203-XFMR0011	Transformer, Rm 5003

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4203-XFMR0012	Transformer, Rm 5003
4203-XFMR0013	Transformer, Rm 5003
4203-XFMR0014	Transformer, Rm 6003
4203-XFMR0015	Transformer, Rm 6003
4203-XFMR0016	Transformer, Rm 1002
4203-XFMR0017	Transformer, Penthouse
4203-XFMR0020	Transformer, Penthouse
4203-XFMR0021	Transformer, Penthouse
4203-XFMR0022	Transformer, Penthouse
4203-XFMR0023	Transformer, Penthouse
4203-XFMR0024	Transformer, Penthouse
4203-XFMR0025	Transformer, Room B101
4203-XFMR0026	Transformer, Room 3003, E-08
4203-XFMR0027	Transformer, Room 6003, E-11
4205-AH0001	Air Handling Unit, Rm 201/E-1
4205-AH0002	Air Handling Unit, Rm 201/E-1
4205-AH0003	Air Handling Unit, Rm 201/E-1
4205-AH0004	Air Handling Unit, OUTSIDE EAST
4205-AH0005	Air Handling Unit, Rm 202/E-2
4205-AH0006	Air Handling Unit, Rm 202/E-2
4205-AH0007	Air Handling Unit, Rm 202/E-2
4205-AH0008	Air Handling Unit, Rm 202/E-2
4205-AH0009	Air Handling Unit, Rm 203/E-3
4205-AH0010	Air Handling Unit, Rm 203/E-3
4205-AH0011	Air Handling Unit, Rm 203/E-3
4205-AH0012	Air Handling Unit, Rm 202/E-2
4205-AH0013	Air Handling Unit, Rm 201/E-1
4205-AH0014	Air Handling Unit, Rm 201/E-1
4205-AH0015	Air Handling Unit, Rm 202/E-2
4205-AH0016	Air Handling Unit, Rm 203/E-3
4205-AH0017	Air Handling Unit, Penthouse
4205-AH0018	Air Handling Unit, Penthouse
4205-AH0019	Air Handling Unit, Rm 113B
4205-AH0020	Air Handling Unit, Rm. 202, E-2
4205-ATS0001	Automatic Transfer Switch, Room 100Y (ATS-SB)
4205-ATS0002	Automatic Transfer Switch, Room 100Y (ATS-EM)
4205-BATB0003	Battery Bank, Rm 100Y (UPS-3)
4205-CBS0001	Circuit Breaker Starter, Rm 108 N Wall
4205-CBS0002	Circuit Breaker Starter, Rm 106 N Wall
4205-CBS0003	Circuit Breaker Starter, Rm 106 N Wall
4205-CBS0004	Circuit Breaker Starter, Rm 108 N Wall
4205-CBS0005	Circuit Breaker Starter, Rm 101 N Wall
4205-CBS0006	Circuit Breaker Starter, Rm 101 N Wall
4205-CBS0007	Circuit Breaker Starter, Rm 202/E2 E Inside
4205-CBS0008	Circuit Breaker Starter, Rm 202/E2 E Inside
4205-CHLR0001	Water Fountain Chiller, Rm 112D, Men's Restroom, above ceiling
4205-CHWP0001	Chill Water Pump, Rm 100X
4205-CHWP0002	Chill Water Pump, Rm 100X
4205-COIL001A	Chilled Water Coil, AH0001, Rm 201/E-1
4205-COIL001B	Hot Water/Steam Coil, AH0001, Rm 201/E-1
4205-COIL002A	Chilled Water Coil, AH0002, Rm 201/E-1
4205-COIL002B	Hot Water/Steam Coil, AH0002, Rm 201/E-1
4205-COIL003A	Chilled Water Coil, AH0003, Rm 201/E-1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-COIL003B	Hot Water/Steam Coil, AH0003, Rm 201/E-1
4205-COIL004A	Chilled Water Coil, AH0004, Outside East
4205-COIL004B	Hot Water/Steam Coil, AH0004, Outside East
4205-COIL005A	Chilled Water Coil, AH0005, Rm 202/E-2
4205-COIL005B	Hot Water/Steam Coil, AH0005, Rm 202/E-2
4205-COIL006A	Chilled Water Coil, AH0006, Rm 202/E-2
4205-COIL006B	Hot Water/Steam Coil, AH0006, Rm 202/E-2
4205-COIL007A	Chilled Water Coil, AH0007, Rm 202/E-2
4205-COIL007B	Hot Water/Steam Coil, AH0007, Rm 202/E-2
4205-COIL008A	Chilled Water Coil, AH0008, Rm 202/E-2
4205-COIL008B	Hot Water/Steam Coil, AH0008, Rm 202/E-2
4205-COIL009A	Chilled Water Coil, AH0009, Rm 203/E-3
4205-COIL009B	Hot Water/Steam Coil, AH0009, Rm 203/E-3
4205-COIL010A	Chilled Water Coil, AH0010, Rm 203/E-3
4205-COIL010B	Hot Water/Steam Coil, AH0010, Rm 203/E-3
4205-COIL011A	Chilled Water Coil, AH0011, Rm 203/E-3
4205-COIL011B	Hot Water/Steam Coil, AH0011, Rm 203/E-3
4205-COIL012A	Chilled Water Coil, AH0012, Rm 202/E-2
4205-COIL012B	Hot Water/Steam Coil, AH0012, Rm 202/E-2
4205-COIL013A	Chilled Water Coil, AH0013, Rm 201/E-1
4205-COIL013B	Hot Water/Steam Coil, AH0013, Rm 201/E-1
4205-COIL014A	Chilled Water Coil, AH0014, Rm 201/E-1
4205-COIL014B	Hot Water/Steam Coil, AH0014, Rm 201/E-1
4205-COIL015A	Chilled Water Coil, AH0015, Rm 202/E-2
4205-COIL015B	Hot Water/Steam Coil, AH0015, Rm 202/E-2
4205-COIL016A	Chilled Water Coil, AH0016, Rm 203/E-3
4205-COIL016B	Hot Water/Steam Coil, AH0016, Rm 203/E-3
4205-COIL017A	Chilled Water Coil, AH0017, Penthouse
4205-COIL017B	Hot Water/Steam Coil, AH0017, Penthouse
4205-COIL018A	Chilled Water Coil, AH0018, Penthouse
4205-COIL018B	Hot Water/Steam Coil, AH0018, Penthouse
4205-COIL019A	Chilled Water Coil, AH0019, Rm 113B
4205-COIL019B	Hot Water/Steam Coil, AH0019, Rm 113B
4205-COIL020A	Chilled Water Coil, AH0001, Rm 202/E-2
4205-COIL020B	Hot Water/Steam Coil, AH0001, Rm 202/E-2
4205-CRN0001	15-Ton Bridge Crane, High Bay, Rm 101, North, Disconnect- East Wall
4205-CRN0002	15-Ton Bridge Crane, High Bay, Rm 101, South
4205-CRN0003	5-Ton Bridge Crane, Rm 106
4205-CRN0004	5-Ton Bridge Crane, Rm 108
4205-CRN0005	5-Ton Bridge Crane, Rm 109
4205-CRN0006	10-Ton Bridge Crane, Rm 110
4205-DOOR0001	Electric Personnel Door, RM 114 W END
4205-DOOR0002	Electric Personnel Door, W ENTRANCE
4205-DOOR0003	Electric Personnel Door, RM 112A S ENTRANCE
4205-DOOR0004	Electric Personnel Door, RM 112A E ENTRANCE
4205-DOOR0005	Electric Personnel Door, RM 112A E ENTRANCE
4205-DOOR0006	Roll-Up Door, EAST SIDE CENTER
4205-DOOR0007	Roll-Up Door, RM 106
4205-DOOR0008	Roll-Up Door, RM 111 SOUTH END
4205-DOOR0009	Roll-Up Door, RM 110 N DOOR
4205-DOOR0010	Roll-Up Door, RM 110 S DOOR
4205-DOOR0011	Roll-Up Door, RM 109 N DOOR
4205-DOOR0012	Roll-Up Door, RM 109 S DOOR

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-DOOR0013	Roll-Up Door, RM 108
4205-DOOR0014	Roll-Up Door, RM 103D
4205-DOOR0015	Roll-Up Door, RM 103
4205-DOOR0016	Roll-Up Door, RM 101 S DOOR
4205-DOOR0017	Roll-Up Door, RM 101 N DOOR
4205-FAS0001	Fire Alarm System, Room 100Y
4205-HST0001	600 Lb. Electric A-Frame Hoist, Rm 109B
4205-HUM0001	Humidifier, Rm 201, E-1
4205-HUM0002	Humidifier, Rm 201, E-1
4205-HUM0003	Humidifier, Rm 201, E-1
4205-HUM0004	Humidifier, Rm 201, E-1
4205-HUM0005	Humidifier, Rm 201, E-1
4205-HUM0006	Humidifier, Rm 202, E-2
4205-HUM0007	Humidifier, Rm 202, E-2
4205-HUM0008	Humidifier, Rm 202, E-2
4205-HUM0009	Humidifier, Rm 202, E-2
4205-HUM0010	Humidifier, Rm 202, E-2
4205-HUM0011	Humidifier, Rm 202, E-2
4205-HUM0012	Humidifier, Rm 203, E-3
4205-HUM0013	Humidifier, Rm 203, E-3
4205-HUM0014	Humidifier, Rm 203, E-3
4205-HUM0015	Humidifier, Rm 203, E-3
4205-HUM0016	Humidifier, Rm 104C
4205-HWHD0001	Hot Water Heater - Domestic, Rm 112M
4205-HWHD0002	Hot Water Heater - Domestic, Rm 202/E-2
4205-HWHD0003	Hot Water Heater - Domestic, Rm 100W
4205-HWHD0004	Hot Water Heater - Domestic, Rm 100R
4205-LTS0001	Emergency Light, Room 112A
4205-LTS0002	Emergency Light, Room 112A
4205-LTS0003	Emergency Light, Room 112A
4205-LTS0004	Emergency Light, Room 101
4205-LTS0005	Emergency Light, Room 100Y
4205-LTS0006	Emergency Light, Room 114 N Wall
4205-LTS0007	Emergency Light, Hall at Rm 112E
4205-LTS0008	Emergency Light, Hall at Rm 112M
4205-LTS0009	Emergency Light, Hall at Rm 112M
4205-LTS0010	Emergency Light, Hall at Rm 112F
4205-LTS0011	Emergency Light, Hall at Rm 114D
4205-LTS0012	Emergency Light, Hall East of Rm 114E
4205-LTS0013	Emergency Light, Hall South of Rm 112S
4205-LTS0014	Emergency Light, Hall at Rm 116B
4205-LTS0015	Emergency Light, Hall at Rm 118F
4205-LTS0016	Emergency Light, Hall at Rm 117B
4205-LTS0017	Emergency Light, Hall at Rm 119B
4205-LTS0018	Emergency Light, Hall North of Rm 101B
4205-LTS0019	Emergency Light, Hall South of Rm 101D
4205-LTS0020	Emergency Light, Hall Opposite of Rm 101E
4205-LTS0021	Emergency Light, Hall at Rm 100U
4205-LTS0022	Emergency Light, Hall at Rm 100W
4205-LTS0023	Emergency Light, Hall South of Rm 102
4205-LTS0024	Emergency Light, Hall South of Rm 102 at corner
4205-LTS0025	Emergency Light, Hall at Rm 102A West
4205-LTS0026	Emergency Light, Hall at Rm 102A East

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-LTS0027	Emergency Light, Hall at Rm 104A
4205-LTS0028	Emergency Light, Hall across from Rm 105K
4205-LTS0029	Emergency Light, Hall across from Rm 104C
4205-LTS0030	Emergency Light, Hall across from Rm 105H North
4205-LTS0031	Emergency Light, Hall across from Rm 105H
4205-LTS0032	Emergency Light, Hall at Rm 106 near east exit
4205-LTS0033	Emergency Light, Hall West of Rm 106
4205-LTS0034	Emergency Light, Hall Across from Rm 105G
4205-LTS0035	Emergency Light, Hall Across from Rm 105F
4205-LTS0036	Emergency Light, Hall at Rm 105
4205-LTS0037	Emergency Light, Hall across from Rm 113B
4205-LTS0038	Emergency Light, Hall across from Rm 113B and South
4205-LTS0039	Emergency Light, Hall at Rm 107 N door
4205-LTS0040	Emergency Light, Hall at Rm 107 S door
4205-LTS0041	Emergency Light, Hall South of Rm 108D Door
4205-LTS0042	Emergency Light, Hall at Rm 108A
4205-LTS0043	Emergency Light, Hall at Rm 109B
4205-LTS0044	Emergency Light, Hall at Rm 109A
4205-LTS0045	Emergency Light, Hall South of Rm 108A
4205-LTS0046	Emergency Light, Hall Corner North of 100N
4205-LTS0047	Emergency Light, Hall Opposite Rm 110B
4205-LTS0048	Emergency Light, Hall at Rm 100P
4205-LTS0049	Emergency Light, Hall at Rm 100R
4205-MCC0001	Motor Control Center, Room 201, E-01 (MCCA401)
4205-MCC0002	Motor Control Center, Room 202, E-02 (MCCA402)
4205-MCC0003	Motor Control Center, Room 203, E-03 (MCCA403)
4205-MDT0001	Moisture Detection System, Rm 201/E-1
4205-MDT0002	Moisture Detection System, Rm 202/E-2
4205-MDT0003	Moisture Detection System, Rm 203/E-3
4205-MDT0005	Moisture Detection System, Rm 100X
4205-ODT0001	Oxygen Detection System, Room 100N
4205-ODT0002	Oxygen Detection System, Room 100T
4205-ODT0003	Oxygen Detection System, Room 100Z
4205-ODT0004	Oxygen Detection System, Room 100Z
4205-PNL0001	Panel Board, Room 111, Lab (PPA307)
4205-PNL0002	Panel Board, Room 111, Lab (PRA307)
4205-PNL0003	Panel Board, Hallway at Room 110B (RPA306)
4205-PNL0004	Panel Board, Hallway at Room 110B (SRPA306)
4205-PNL0005	Panel Board, Room 110 Lab (PPA306L)
4205-PNL0006	Panel Board, Room 110 Lab (PPA306)
4205-PNL0007	Panel Board, Hallway at Lab Area 110 (LPA301)
4205-PNL0008	Panel Board, Hallway at Lab Area 110 (ELPA301)
4205-PNL0009	Panel Board, Hallway at Lab Area 110 (SLPA301)
4205-PNL0010	Panel Board, Hallway at Room 109A (SRPA304)
4205-PNL0011	Panel Board, Hallway at Room 109A (RPA304)
4205-PNL0012	Panel Board, Room 109 (RPA305)
4205-PNL0013	Panel Board, Room 109 (PPA305L)
4205-PNL0014	Panel Board, Room 109 (PPA305)
4205-PNL0015	Panel Board, Hallway at Room 108B (PPA302)
4205-PNL0016	Panel Board, Hallway at Room 108B (PPA303)
4205-PNL0017	Panel Board, Hallway at Room 108B (SRPA302)
4205-PNL0018	Panel Board, Hallway at Room 108B (RPA302)
4205-PNL0019	Panel Board, Room 108 Lab (PPA301)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-PNL0020	Panel Board, Room 108 Lab (PPA301L)
4205-PNL0021	Panel Board, Room 108 Lab (RPA301)
4205-PNL0022	Panel Board, Room 108 Lab (SPPA201)
4205-PNL0023	Panel Board, Room 107 Lab (RPA204)
4205-PNL0024	Panel Board, Room 107 Lab (SRPA204)
4205-PNL0025	Panel Board, Room 100Y (ELPA201)
4205-PNL0026	Panel Board, Room 100Y (ERPA201)
4205-PNL0027	Panel Board, Room 100Y (RPA201)
4205-PNL0028	Panel Board, Room 100Y (PPA201)
4205-PNL0029	Panel Board, Room 100Y (SRPA201)
4205-PNL0030	Panel Board, Room 100Z (SRPA200)
4205-PNL0031	Panel Board, Room 105G (PPA203)
4205-PNL0032	Panel Board, Room 105G (RPA203)
4205-PNL0033	Panel Board, Room 105G (SRPA203)
4205-PNL0034	Panel Board, Room 105 Lab (PPA202)
4205-PNL0035	Panel Board, Room 105 Lab (PPA202L)
4205-PNL0036	Panel Board, Room 105 Lab (RPA202)
4205-PNL0037	Panel Board, Room 105 Lab (SRPA202)
4205-PNL0038	Panel Board, Hallway at Room 105 (LPA501)
4205-PNL0039	Panel Board, Hallway at Room 105 (RPA503)
4205-PNL0040	Panel Board, Hallway at Room 105 (RPA502)
4205-PNL0041	Panel Board, Hallway at Room 105 (RPA501)
4205-PNL0042	Panel Board, Hallway at Room 106 (LPA201)
4205-PNL0043	Panel Board, Room 102 (RPA104)
4205-PNL0044	Panel Board, Room 102 (PPA104)
4205-PNL0045	Panel Board, Room 102 (PPA104L)
4205-PNL0046	Panel Board, Room 102 (SRPA104)
4205-PNL0047	Panel Board, Room 103 (PPA105)
4205-PNL0048	Panel Board, Room 103 (PPA105L)
4205-PNL0049	Panel Board, Room 103 (RPA105)
4205-PNL0050	Panel Board, Room 103 (SRPA105)
4205-PNL0051	Panel Board, Hallway at Room 101D (LPA101)
4205-PNL0052	Panel Board, Hallway at Room 101D (ELPA101)
4205-PNL0053	Panel Board, Hallway at Room 101C (PPA103)
4205-PNL0054	Panel Board, Hallway at Room 101C (RPA102)
4205-PNL0055	Panel Board, Hallway at Room 101C (SRPA102)
4205-PNL0056	Panel Board, Hallway at Room 101E (RPA103)
4205-PNL0057	Panel Board, Room 101 (SRPA101)
4205-PNL0058	Panel Board, Room 101 (RPA101)
4205-PNL0059	Panel Board, Room 101 (PPA101)
4205-PNL0060	Panel Board, Room 101 (PPA101L)
4205-PNL0061	Panel Board, Room 203, E-03 (RPA402)
4205-PNL0062	Panel Board, Room 203, E-03 (PPA403)
4205-PNL0063	Panel Board, Room 202, E-02 (PPA402)
4205-PNL0064	Panel Board, Room 201, E-01 (PPA401)
4205-PNL0065	Panel Board, Room 201, E-01 (RPA401)
4205-ROOF0001	Roof, Main, Bdg 4205
4205-ROOF0002	Roof, North West Corner, Bdg 4205
4205-ROOF0003	Roof, West Center, Bdg 4205
4205-ROOF0004	Roof, Southwest Corner, Bdg 4205
4205-ROOF0005	Roof, West Overhang, Bldg 4205
4205-ROOF0006	Roof, West Overhang, Bldg 4205
4205-ROOF0007	Roof, West Overhang, Bldg 4205

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4205-ROOF0008	Roof, West Entrance, Bldg 4205
4205-ROOF0009	Roof, Lobby, Bldg 4205
4205-ROOF0010	Roof, Penthouse, Bldg 4205
4205-ROOF0011	Roof, High Bay South, Bldg 4205
4205-ROOF0012	Roof, High Bay North, Bldg 4205
4205-ROOF0013	Roof, Canopy Southeast, Bldg 4205
4205-SHEW0001	Safety Shower & Eyewash, Rm 101
4205-SHEW0002	Safety Shower & Eyewash, Rm 102A
4205-SHEW0003	Safety Shower & Eyewash, Rm 103
4205-SHEW0004	Safety Shower & Eyewash, Rm 104
4205-SHEW0005	Safety Shower & Eyewash, Rm 105
4205-SHEW0006	Safety Shower & Eyewash, Rm 106
4205-SHEW0007	Safety Shower & Eyewash, Rm 107
4205-SHEW0008	Safety Shower & Eyewash, Rm 108
4205-SHEW0009	Safety Shower & Eyewash, Rm 109
4205-SHEW0010	Safety Shower & Eyewash, Rm 110
4205-SPR0001	Sprinkler System, RM 201/E-1
4205-SPR0002	Sprinkler System, RM 202/E-2
4205-SPR0003	Sprinkler System, RM 203/E-3
4205-SPR0004	Sprinkler System, RM 106
4205-SPR0005	Sprinkler System, RM 106
4205-SPR0006	Sprinkler System, RM 106
4205-SS0001	Safety Switch, Room 110 E Wall
4205-SS0002	Safety Switch, Room 110 E Wall
4205-SS0003	Safety Switch, Room 110 N Wall
4205-SS0004	Safety Switch, Room 109 E Wall
4205-SS0005	Safety Switch, Room 109 E Wall
4205-SS0006	Safety Switch, Room 109 E Wall
4205-SS0007	Safety Switch, Room 109 N Wall
4205-SS0008	Safety Switch, Room 108 E Wall
4205-SS0009	Safety Switch, Room 109 W Wall
4205-SS0010	Safety Switch, Room 108A N Wall
4205-SS0011	Safety Switch, Room 108A N Wall
4205-SS0012	Safety Switch, Room 107A E Wall
4205-SS0013	Safety Switch, Room 106 N Wall
4205-SS0014	Safety Switch, Room 106 N Wall
4205-SS0015	Safety Switch, Room 106 N Wall
4205-SS0016	Safety Switch, Room 106 N Wall
4205-SS0017	Safety Switch, Room 106 N Wall
4205-SS0018	Safety Switch, Room 106 S Wall
4205-SS0019	Safety Switch, Room 106 S Wall
4205-SS0020	Safety Switch, Room 106 N Wall
4205-SS0021	Safety Switch, Room 106 E Wall
4205-SS0022	Safety Switch, Room 106 N Wall
4205-SS0023	Safety Switch, Room 106 E Wall
4205-SS0024	Safety Switch, Room 110 N Wall
4205-SS0025	Safety Switch, Room 106 S Wall
4205-SS0026	Safety Switch, Room 106 S Wall
4205-SS0027	Safety Switch, Room 110 N Wall
4205-SS0028	Safety Switch, Room 110 N Wall
4205-SS0029	Safety Switch, Room 106 W Wall
4205-SS0030	Safety Switch, Room 106C S Wall
4205-SS0031	Safety Switch, Room 106C S Wall

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-SS0032	Safety Switch, Room 106C W Wall
4205-SS0033	Safety Switch, Room 106C W Wall
4205-SS0034	Safety Switch, Hall at Rm 106 E Wall
4205-SS0035	Safety Switch, Rm 104C S Wall
4205-SS0036	Safety Switch, Rm 105 S Wall
4205-SS0037	Safety Switch, Rm 109 S Wall
4205-SS0038	Safety Switch, Rm 109 S Wall
4205-SS0039	Safety Switch, Rm 109 S Wall
4205-SS0040	Safety Switch, Rm 109 S Wall
4205-SS0041	Safety Switch, Rm 109 E Wall
4205-SS0042	Safety Switch, Rm 108 E Wall
4205-SS0043	Safety Switch, Rm 108 N Wall
4205-SS0044	Safety Switch, Rm 108 N Wall
4205-SS0045	Safety Switch, Rm 108 N Wall
4205-SS0046	Safety Switch, Rm 108 N Wall
4205-SS0047	Safety Switch, Rm 108B E Wall
4205-SS0048	Safety Switch, Rm 106C W Wall
4205-SS0049	Safety Switch, Rm 106C S Wall
4205-SS0050	Safety Switch, Rm 103D S Wall
4205-SS0051	Safety Switch, Rm 103D E Wall
4205-SS0052	Safety Switch, Rm 103 E Wall
4205-SS0053	Safety Switch, Rm 102 E Wall
4205-SS0054	Safety Switch, Rm 102 E Wall
4205-SS0055	Safety Switch, Rm 101F S Wall
4205-SS0056	Safety Switch, Rm 101F S Wall
4205-SS0057	Safety Switch, Rm 101 W Wall
4205-SS0058	Safety Switch, Rm 101 E Wall
4205-SS0059	Safety Switch, Rm 101 E Wall
4205-SS0060	Safety Switch, Rm 101 E Wall
4205-SS0061	Safety Switch, Rm 101 E Wall
4205-SS0062	Safety Switch, Rm 101 E Wall
4205-SS0063	Safety Switch, Rm 101 S Inside
4205-SS0064	Safety Switch, Rm 101 N Inside
4205-SS0065	Safety Switch, Rm 101 W Pump Rm
4205-SS0066	Safety Switch, Rm 101 E Pump Rm
4205-SS0067	Safety Switch, Rm 201/E1 W Wall
4205-SS0068	Safety Switch, Rm 201/E1 W Wall
4205-SS0069	Safety Switch, Rm 201/E1 S Wall
4205-SS0070	Safety Switch, Rm 201/E1 E Wall
4205-SS0071	Safety Switch, Rm 201/E1 E Inside
4205-SS0072	Safety Switch, Rm 201/E1 E Wall
4205-SS0073	Safety Switch, Rm 201/E1 E Inside
4205-SS0074	Safety Switch, Rm 201/E1 E Inside
4205-SS0075	Safety Switch, Rm 201/E1 E Inside
4205-SS0076	Safety Switch, Rm 201/E1 E Inside
4205-SS0077	Safety Switch, Rm 202/E2 W Wall
4205-SS0078	Safety Switch, Rm 202/E2 N Wall Wall
4205-SS0079	Safety Switch, Rm 202/E2 N Wall
4205-SS0080	Safety Switch, Rm 202/E2 E Inside
4205-SS0081	Safety Switch, Rm 202/E2 E Inside
4205-SS0082	Safety Switch, Rm 202/E2 E Wall
4205-SS0083	Safety Switch, Rm 202/E2 E Wall
4205-SS0084	Safety Switch, Rm 202/E2 E Wall

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4205-SS0085	Safety Switch, Rm 202/E2 E Inside
4205-SS0086	Safety Switch, Rm 202/E2 E Inside
4205-SS0087	Safety Switch, Rm 202/E2 E Wall
4205-SS0088	Safety Switch, Rm 202/E2 E Wall
4205-SS0089	Safety Switch, Rm 202/E2 S Inside
4205-SS0090	Safety Switch, Rm 203/E3 E Wall
4205-SS0091	Safety Switch, Rm 203/E3 E Inside
4205-SS0092	Safety Switch, Rm 203/E3 E Inside
4205-SS0093	Safety Switch, Rm 203/E3 E Wall
4205-SS0094	Safety Switch, Rm 203/E3 S Inside
4205-SS0095	Safety Switch, Rm 203/E3 S Inside
4205-SS0096	Safety Switch, Rm 203/E3 W Inside
4205-SS0097	Safety Switch, Rm 203/E3 W Inside
4205-SWBD0001	Switch Board, Room 108 Lab (SBA301)
4205-SWBD0002	Switch Board, Room 100Y (SBA201)
4205-SWBD0003	Switch Board, Room 100Y (SBA201)
4205-SWBD0004	Switch Board, Room 100Y (SBA201)
4205-SWBD0005	Switch Board, Room 100Y (SBA201)
4205-SWGR0001	Switch Gear, Room 100Y (SDPPA201)
4205-SWGR0002	Switch Gear, Room 100Y (SDPPA201)
4205-SWGR0003	Switch Gear, Room 100Y
4205-SWGR0004	Switch Gear, Room 201, E-01 (DPRA401)
4205-SWGR0005	Switch Gear, Room 201, E-01 (DPPA401)
4205-SWGR0006	Switch Gear, Room 203, E-03 (DPPA403)
4205-SWGR0007	Switch Gear, Room 203, E-03 (DPRA403)
4205-UH0001	Unit Heater, Steam, Rm 0201/E-1
4205-UH0003	Unit Heater, Steam, Rm 0203/E-3
4205-UPS0003	Uninterruptable Power Supply, Room 100Y (UPS-3)
4205-VSC0001	Variable Speed Controller, Room 100X
4205-VSC0002	Variable Speed Controller, Room 100X
4205-XFMR0001	Transformer, Room 100Y (TA-8)
4205-XFMR0002	Transformer, Room 100Y (TA-5)
4205-XFMR0003	Transformer, Room 100Y (TA-7)
4205-XFMR0004	Transformer, Room 100Y (TA-10)
4205-XFMR0005	Transformer, Room 203, E-03 (TA-6)
4205-XFMR0006	Transformer, Room 201, E-01 (TA-4)
4206-SS0004	Safety Switch, Power Pole, W. Yard
4207-ACMP0001	Air Compressor Control, Rm 127A/Rm E04 - Disconnect room E4
4207-ACMP0002	Air Compressor Control, Rm 127A/Rm E04 - Disconnect room E4
4207-ACMP0004	Air Compressor Control, Rm 147A - Disconnect room E5
4207-ACMP0006	Air Compressor Control, Rm 143/Rm E5 - Disconnect room E5
4207-ACMP0007	Air Compressor Control, Rm 143/Rm E5 - Disconnect room E5
4207-ADRY0001	Air Dryer, Rm 127A/Rm E04 - Disconnect room E4
4207-ADRY0002	Air Dryer, Rm 127A/Rm E04 - Disconnect in room E4
4207-ADRY0003	Air Dryer, Rm 143/Rm E5 - Disconnect in room E5
4207-ADRY0004	Air Dryer, Rm 143/Rm E5 - Disconnect in room E5
4207-AH0001	Air Handling Unit, Rm 127/Rm E03 - Disconnect in room E3
4207-AH0002	Air Handling Unit, Rm 127A/Rm E04 - Disconnect in room E4
4207-AH0003	Air Handling Unit, Rm 24/Rm E11 - Disconnect in room E11
4207-AH0003	Air Handling Unit, Rm 24/Rm E11 - Disconnect in room E11
4207-AH0004	Air Handling Unit, Rm 26 - Disconnect on unit
4207-AH0004	Air Handling Unit, Rm 26 - Disconnect on unit
4207-AH0005	Air Handling Unit, Rm 142/Rm E06

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-AH0006	Air Handling Unit, Rm 26 - Disconnect on unit
4207-AH0008	Air Handling Unit, Overhead 142A/Rm E08 - Disconnect on unit
4207-AH00B1	Air Handling Unit, Rm B2/Rm E01 - Disconnect room E1
4207-AH00B2	Air Handling Unit, Rm B2/Rm E01
4207-ATS0001	Auto Transfer Switch, Rm 147/Rm E10
4207-ATS0004	Auto Transfer Switch, Rm 152
4207-BATB0001	Battery Bank, Rm 148/Rm E09
4207-BATB0002	Battery Bank, Rm 148/Rm E09
4207-BATB0003	Battery Bank, Room 148/E-09
4207-BATB0004	Battery Bank, Rm 152
4207-BFP0001	Back Flow Preventer - Hot, Rm B2/ E01
4207-BFP0002	Back Flow Preventer - Chilled, Rm 143/ E5
4207-BFP0003	Back Flow Preventer - Chilled, Rm 143/ E5
4207-BLR0001	Hot Water Boiler, Rm B2/Rm E01 - Disconnect in room E1
4207-CBP0001	Circuit Breaker Panel, Room 101
4207-CBP0002	Circuit Breaker Panel, Room 101
4207-CBP0005	Circuit Breaker Panel, Room 143/E-05
4207-CBP0006	Circuit Breaker Panel, Room 147/E-10
4207-CBP0007	Circuit Breaker Panel, Room 147/E-10
4207-CBP0009	Circuit Breaker Panel, Room 147/E-10
4207-CBP0010	Circuit Breaker Panel, Room 142/E-06
4207-CBP0011	Circuit Breaker Panel, Room 152
4207-CBS0001	Circuit Breaker Starter, Room 143/E-05
4207-CBS0002	Circuit Breaker Starter, Room 143/E-05
4207-CFC0001	Condenser Water, Rm 143/Rm E5 - Disconnect in room E5
4207-CHLR0001	Water Chiller, Rm 143/Rm E5
4207-CHLR0002	Water Chiller, Rm 143/Rm E5
4207-CHLR0003	Water Chiller, Rm 148/Rm E09
4207-CHWP0001	Chill Water Pump, Rm 143/Rm E5 - Disconnect in room E5
4207-CHWP0002	Chill Water Pump, Rm 143/Rm E5 - Disconnect in room E5
4207-COIL001A	Chilled Water Coil, AH0001, Rm 127/E-3
4207-COIL001B	Hot Water/Steam Coil, AH0001, Rm 127/E-3
4207-COIL002A	Chilled Water Coil, AH0002, Rm 127A/E-4
4207-COIL002B	Hot Water/Steam Coil, AH0002, Rm 127/E-4
4207-COIL003A	Chilled Water Coil, AH0003, Rm 24/E-11
4207-COIL003B	Hot Water/Steam Coil, AH0003, Rm 24/E-11
4207-COIL004A	Chilled Water Coil, AH0004, Rm 26
4207-COIL004B	Hot Water/Steam Coil, AH0004, Rm 26
4207-COIL005A	Chilled Water Coil, AH0005, Rm 142/E-6
4207-COIL005B	Hot Water/Steam Coil, AH0005, Rm 142/E-6
4207-COIL006A	Chilled Water Coil, AH0006, Rm 26
4207-COIL006B	Hot Water/Steam Coil, AH0006, Rm 26
4207-COIL008A	Chilled Water Coil, AH0008, Rm 142A/E-8
4207-COIL008B	Hot Water/Steam Coil, AH0008, Rm 142A/E-8
4207-COIL0B1A	Chilled Water Coil, AH00B1, Rm B2/E-1
4207-COIL0B1B	Hot Water/Steam Coil, AH00B1, Rm B2/E-1
4207-COIL0B2A	Chilled Water Coil, AH00B2, Rm B2/E-1
4207-COIL0B2B	Hot Water/Steam Coil, AH00B2, Rm B2/E-1
4207-CPNL0001	Simplex NAC Panel, Rm B4, Vault Area
4207-CRU0001	Computer Room Unit, Rm 140 - Disconnect at unit
4207-CRU0002	Computer Room Unit, Rm 140 - Disconnect at unit
4207-CRU0003	Computer Room Unit, Rm 111C - Disconnect at unit
4207-CRU0004	Computer Room Unit, Rm 107 - Disconnect at unit

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-CRU0005	Computer Room Unit, Rm 107A - Disconnect at unit
4207-CRU0006	Computer Room Unit, Rm 148/Rm E09 - Disconnect in room E9
4207-CRU0007	Computer Room Unit, Rm 107 - Disconnect at unit
4207-CRU0008	Computer Room Unit, Rm 145 - Disconnect at unit
4207-CRU0009	Computer Room Unit, Rm 101 - Disconnect at unit
4207-CRU0010	Computer Room Unit, Rm 145A Gateway - Disconnect at unit
4207-CRU0011	Computer Room Unit, Rm 145B - Disconnect at unit
4207-CRU0012	Computer Room Unit, Rm 111A Gateway - Disconnect at unit
4207-CRU0013	Computer Room Unit, RM 145 - Disconnect at unit
4207-CRU0014	Computer Room Unit, Rm 150 - Disconnect at unit
4207-CRU0015	Computer Room Unit, Rm 150 - Disconnect at unit
4207-CRU0016	Computer Room Unit, Rm 150 - Disconnect at unit
4207-CRU0017	Computer Room Unit, Room 152 - Disconnect at unit
4207-CTWR0001	Cooling Tower, East Outside - Disconnect on East side
4207-CWP0001	Condenser Water Pump, East Outside - Disconnect at pump
4207-CWP0002	Condenser Water Pump, East Outside - Disconnect at pump
4207-CWP0003	Condenser Water Pump, East Outside - Disconnect at pump
4207-DOOR0001	Manual Roll-Up Door, Rm 30
4207-DOOR0002	Manual Roll-Up Door, Rm 149 N End
4207-DOOR0003	Manual Roll-Up Door, Rm 149 E End
4207-DOOR0004	Manual Roll-Up Door, Rm 147A S End
4207-DOOR0005	Manual Roll-Up Door, Rm 142A E End
4207-EAF0001	Exhaust Blower Fan, Over E10 - Disconnect at fan motor
4207-EAF0002	Exhaust Blower Fan, Over E10 - Disconnect at fan motor
4207-EAF0003	Exhaust Blower Fan, Over E06 - Disconnect at fan motor
4207-EAF0004	Exhaust Blower Fan, Over E06 - Disconnect at fan motor
4207-EAF0005	Exhaust Blower Fan, Rm 143/Rm E5, Roof - Disconnect in room E5
4207-EAF0006	Exhaust Blower Fan, Rm 143/Rm E5, Roof - Disconnect in room E5
4207-FAS0001	Fire Alarm System
4207-FID0001	Field Interface Device, Rm 143/Rm E5
4207-FSS0001	Fire Suppression System, Rm B4 Vault
4207-FSS0002	Fire Suppression System, Rm B4 Vault
4207-FSS0003	Fire Suppression System, Rm B1
4207-FSS0004	Fire Suppression System, Rm 111
4207-FSS0005	Fire Suppression System, Rm 111
4207-FSS0006	Fire Suppression System, Rm 140
4207-FSS0007	Fire Suppression System, Rm 140
4207-FSS0008	Fire Suppression System, Rm 140
4207-FSS0009	Fire Suppression System, Rm 140
4207-FSS0010	Fire Suppression System, Rm 140
4207-FSS0011	Fire Suppression System, Rm 140
4207-FSS0012	Fire Suppression System
4207-FSS0013	Fire Suppression System
4207-FSS0014	Fire Suppression System, Rm 107
4207-FSS0015	Fire Suppression System, Rm 107
4207-FSS0016	Fire Suppression System, Rm 101
4207-FSS0017	Fire Suppression System, Rm 101
4207-FSS0018	Fire Suppression System, Cable Vault
4207-FSS0019	Fire Suppression System, Rm 147/Rm E10
4207-FSS0020	Fire Suppression System, Rm 147/Rm E10
4207-FSS0021	Fire Suppression System, Rm 107
4207-FSS0022	Fire Suppression System, Rm 111A
4207-FSS0023	Fire Suppression System, Rm 147/Rm E10

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-FSS0024	Fire Suppression System, Rm 147/Rm E10
4207-GEN0001	Emergency Generator, East Outside
4207-GEN0003	Emergency Generator, Rm 141/Rm E02 (REMOVED 1/27/03)
4207-GEN0004	Emergency Generator, East Outside
4207-HUM0001	Humidifier, E-1
4207-HV0001	Heating Vent Unit, Rm 148/Rm E09
4207-HWHD0001	Hot Water Heater - Domestic, Rm 127A/Rm E04 - Disconnect in room E4
4207-HWHD0002	Hot Water Heater - Domestic, Rm 113 - Disconnect at heater
4207-HWHD0003	Hot Water Heater - Domestic, Rm B4 - Disconnect at heater
4207-HWHD0004	Hot Water Heater - Domestic, Rm 18 - Disconnect at heater
4207-HWP0001	Hot Water Pump, Rm B2/Rm E01 - Disconnect room E1
4207-HWP0002	Hot Water Pump, Rm B2/Rm E01 - Disconnect room E1
4207-LTS0001	Emergency Lighting - Fluorescent, Rm 150, 1A NW
4207-LTS0002	Emergency Lighting - Fluorescent, Rm 150, 4A W
4207-LTS0003	Emergency Lighting - Fluorescent, Rm 150, 7A
4207-LTS0004	Emergency Lighting - Fluorescent, Rm 150, 1C
4207-LTS0005	Emergency Lighting - Fluorescent, Rm 150, 4C
4207-LTS0006	Emergency Lighting - Fluorescent, Rm 150, 7C
4207-LTS0007	Emergency Lighting - Fluorescent, Rm 150, 1E
4207-LTS0008	Emergency Lighting - Fluorescent, Rm 150, 4E
4207-LTS0009	Emergency Lighting - Fluorescent, Rm 150, 7F
4207-LTS0010	Emergency Lighting - Fluorescent, Rm 150, 5G
4207-LTS0011	Emergency Lighting - Fluorescent, Rm 111, Center S
4207-LTS0013	Emergency Lighting - Fluorescent, Rm 111, Center
4207-LTS0014	Emergency Lighting - Fluorescent, Rm 111, Center
4207-LTS0015	Emergency Lighting - Fluorescent, Rm 111, Center N
4207-LTS0016	Emergency Lighting - Fluorescent, Rm 145A
4207-LTS0017	Emergency Lighting - Fluorescent, Rm 150A
4207-LTS0018	Emergency Lighting - Fluorescent, Rm 150B
4207-LTS0019	Emergency Lighting - Dry Cell, Hallway, Rm 126
4207-LTS0020	Emergency Lighting - Dry Cell, Hallway, Rm 103
4207-LTS0021	Emergency Lighting - Dry Cell, Basement Hall, B1
4207-LTS0022	Emergency Lighting - Dry Cell, Rm 107, Entrance
4207-LTS0023	Emergency Lighting - Dry Cell, Rm 107, West , ER
4207-LTS0024	Emergency Lighting - Dry Cell, Rm 107, NE Door
4207-LTS0025	Emergency Lighting - Dry Cell, Rm 107, SE Door
4207-LTS0026	Emergency Lighting - Dry Cell, Rm 111A
4207-LTS0027	Emergency Lighting - Dry Cell, Rm 111C
4207-LTS0028	Emergency Lighting - Dry Cell, Rm 145, NW
4207-LTS0029	Emergency Lighting - Dry Cell, Rm 145, NE
4207-LTS0030	Emergency Lighting - Dry Cell, Rm 145, SW
4207-LTS0031	Emergency Lighting - Dry Cell, Rm 145, SE
4207-LTS0032	Emergency Lighting - Dry Cell, Rm 145B, West Wall
4207-LTS0033	Emergency Lighting - Dry Cell, Rm 145B, South Wall
4207-LTS0034	Emergency Lighting - Dry Cell, Rm 145B, E Entrance
4207-LTS0035	Emergency Lighting - Dry Cell, Room 22
4207-LTS0036	Emergency Lighting - Dry Cell, Room 22
4207-LTS0037	Emergency Lighting - Dry Cell, UPS Room E-06, Northwest
4207-LTS0038	Emergency Lighting - Dry Cell, Battery Room E-06, NW
4207-LTS0039	Emergency Lighting - Dry Cell, Battery Room E-06, NW
4207-LTS0040	Emergency Lighting - Dry Cell, UPS Room E-06, Northwest
4207-LTS0041	Emergency Lighting - Dry Cell, Room 142A, E-08, NW
4207-LTS0042	Emergency Lighting - Dry Cell, Room 142A, E-08, SE

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-LTS0043	Emergency Lighting - Dry Cell, Room 121
4207-LTS0044	Emergency Lighting - Dry Cell, Room B2, South
4207-LTS0045	Emergency Lighting - Dry Cell, Room B4, South
4207-LTS0046	Emergency Lighting - Dry Cell, Room B5, South
4207-LTS0047	Emergency Lighting - Dry Cell, Room B5A, NW
4207-LTS0048	Emergency Lighting - Dry Cell, Room 126
4207-LTS0049	Emergency Lighting - Dry Cell, Room 120
4207-LTS0050	Emergency Lighting - Dry Cell, Room 18
4207-LTS0051	Emergency Lighting - Dry Cell, Room 19
4207-MCC0002	Motor Control Center, Rm 127A/Rm E04
4207-MTS0001	Manual Transfer Switch, Rm 142A/Rm E08
4207-MTS0002	Manual Transfer Switch, Rm 147/Rm E10
4207-PDU0001	Power Distribution Unit, Room 150
4207-PNL0001	Panel Board, Rm 26
4207-PNL0003	Panel Board, Rm 107
4207-PNL0004	Panel Board, Rm 107
4207-PNL0005	Panel Board, Rm 107
4207-PNL0006	Panel Board, Rm 107
4207-PNL0007	Panel Board, Rm 107
4207-PNL0008	Panel Board, Rm 107
4207-PNL0009	Panel Board, Rm 107
4207-PNL0010	Panel Board, Rm 106, Hallway
4207-PNL0011	Panel Board, Rm 140
4207-PNL0012	Panel Board, Rm 140
4207-PNL0013	Panel Board, Rm 140
4207-PNL0014	Panel Board, Rm 140
4207-PNL0015	Panel Board, Rm 140
4207-PNL0016	Panel Board, Rm 121, Hallway
4207-PNL0017	Panel Board, Rm 121, Hallway
4207-PNL0018	Panel Board, Rm 111C
4207-PNL0019	Panel Board, Rm 145
4207-PNL0020	Panel Board, Rm 145
4207-PNL0021	Panel Board, Rm 145
4207-PNL0022	Panel Board, Rm 145
4207-PNL0023	Panel Board, Rm 145
4207-PNL0024	Panel Board, Rm 145B
4207-PNL0025	Panel Board, Rm 145B
4207-PNL0026	Panel Board, Rm 145B
4207-PNL0027	Panel Board, Rm 145B
4207-PNL0028	Panel Board, Rm 145B
4207-PNL0029	Panel Board, Rm 111A
4207-PNL0030	Panel Board, Rm 111A
4207-PNL0031	Panel Board, Rm 111A
4207-PNL0032	Panel Board, Rm 101
4207-PNL0033	Panel Board, Rm 101
4207-PNL0034	Panel Board, Rm 101
4207-PNL0035	Panel Board, Rm 142A/Rm E08
4207-PNL0037	Panel Board, Rm 147/Rm E10
4207-PNL0038	Panel Board, Rm 147A/Rm E12
4207-PNL0039	Panel Board, Rm 143/Rm E5
4207-PNL0040	Panel Board, Rm 143/Rm E5
4207-PNL0041	Panel Board, Rm 143/Rm E5
4207-PNL0042	Panel Board, Rm 121A

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-PNL0043	Panel Board, Rm 115
4207-PNL0044	Panel Board, Rm 22
4207-PNL0045	Panel Board, Rm 22
4207-PNL0046	Panel Board, Rm 24/Rm E11
4207-PNL0047	Panel Board, Rm 24/Rm E11
4207-PNL0048	Panel Board, Rm B5, Vault Area
4207-PNL0049	Panel Board, Rm B5, Vault Area
4207-PNL0050	Panel Board, Rm B1
4207-PNL0051	Panel Board, Rm 107A
4207-PNL0052	Panel Board, Rm 107A
4207-PNL0053	Panel Board, Rm 111C
4207-PNL0054	Panel Board, Rm 127/Rm E03
4207-PNL0055	Panel Board, Rm 111
4207-PNL0056	Panel Board, Rm 111
4207-PNL0057	Panel Board, Rm 145
4207-PNL0058	Panel Board, Rm B5A, Vault Area
4207-PNL0059	Panel Board, Rm 152
4207-PNL0060	Panel Board, Rm 152
4207-PNL0061	Panel Board, Rm 152
4207-PNL0062	Panel Board, Rm 152
4207-PNL0063	Panel Board, Rm 26
4207-PNL0064	Panel Board, East Outside, Inside Generator
4207-PNL0065	Panel Board, Rm B2/ Rm E01
4207-PNL0066	Panel Board, Rm B2/ Rm E01
4207-PNL0067	Panel Board, Rm B2/ Rm E01
4207-PNL0068	Panel Board, Rm 142/ Rm E06
4207-PNL0069	Panel Board, Rm 142/ Rm E06
4207-PNL0070	Panel Board, Rm 142/ Rm E06
4207-PNL0071	Panel Board, Rm B2/ Rm E01
4207-PNL0072	Panel Board, Rm 140
4207-PNL0073	Panel Board, Rm 140
4207-PNL0074	Panel Board, Rm 25
4207-PNL0075	Panel Board, Rm 30C
4207-PNL0076	Panel Board, Room 140
4207-REC0001	Rectifier, Rm 107
4207-REC0002	Rectifier, Rm 107
4207-RMON0001	Refrigerant Monitoring System, Room 149/E5A, 2 Sensors
4207-RMU0001	Rmu, Room 143/E-05
4207-ROOF0001	Roof, Main, Bldg 4207
4207-ROOF0002	Roof, North, Bldg 4207
4207-ROOF0003	Roof, South, Bldg 4207
4207-SHEW0001	Safety Shower & Eyewash, Rm 148/Rm E09
4207-SHEW0002	Safety Shower & Eyewash, Rm 148/Rm E09
4207-SPMP0006	Sump Pump, Pit, Outside E-4 - Disconnect at pump
4207-SPMP001A	Sump Pump, Rm B2/Rm E01 - Disconnect room E1
4207-SPMP001B	Sump Pump, Rm B2/Rm E01 - Disconnect room E1
4207-SPMP002	Sump Pump, Rm B2/Rm E01 - Disconnect room E1
4207-SPMP003A	Sump Pump, Cable Rm, Basement - Disconnect at pump
4207-SPMP003B	Sump Pump, Cable Rm, Basement - Disconnect at pump
4207-SPMP004A	Sump Pump, RM B4 - Disconnect at pump
4207-SPMP004B	Sump Pump, Vault, Rm B4 - Disconnect at pump
4207-SPR0001	Sprinkler System, Rm 147/Rm E10
4207-SPR0002	Sprinkler System, Rm 148/E9

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-SPR0003	Sprinkler System, Rm 147/Rm E10
4207-SPR0004	Sprinkler System
4207-SS0001	Safety Switch, Room 141/E-02
4207-SS0003	Safety Switch, Room 140
4207-SS0005	Safety Switch, Room 127A/E-04
4207-SS0006	Safety Switch, Room 127A/E-04
4207-SS0007	Safety Switch, Room 127A/E-04
4207-SS0008	Safety Switch, Room 127A/E-04
4207-SS0009	Safety Switch, Room 107A
4207-SS0010	Safety Switch, Room 107
4207-SS0016	Safety Switch, Room 145
4207-SS0017	Safety Switch, Room 145
4207-SS0018	Safety Switch, Room 145B
4207-SS0019	Safety Switch, Room 145B
4207-SS0026	Safety Switch, Room 142A/E-08
4207-SS0027	Safety Switch, Room 142A/E-08
4207-SS0028	Safety Switch, Room 26
4207-SS0029	Safety Switch, Room 26
4207-SS0030	Safety Switch, Room 143/E-05
4207-SS0034	Safety Switch, 147A/E-12
4207-SS0035	Safety Switch, 147A/E-12
4207-SS0036	Safety Switch, 147A/E-12
4207-SS0039	Safety Switch, Room24/E-11
4207-SS0040	Safety Switch, Room 128
4207-SS0041	Safety Switch, Room B2/E-01
4207-SS0042	Safety Switch, Room B2/E-01
4207-SS0043	Safety Switch, Room B2/E-01
4207-SS0044	Safety Switch, Room B2/E-01
4207-SS0045	Safety Switch, Room B2/E-01
4207-SS0046	Safety Switch, Room B4, Closet
4207-SS0047	Safety Switch, Room B2/E-01
4207-SS0048	Safety Switch, Room B2/E-01
4207-SS0049	Safety Switch, Outside East Cooling Tower
4207-SS0050	Safety Switch, Outside East Cooling Tower
4207-SS0051	Safety Switch, Outside East Cooling Tower
4207-SS0052	Safety Switch, Outside East Cooling Tower
4207-SS0053	Safety Switch, Room B2/E-01 Outside
4207-SS0054	Safety Switch, Room 140
4207-SS0055	Safety Switch, Room 140
4207-SSS0002	Starter Safety Switch, Room 142A/E-08
4207-SSS0005	Starter Safety Switch, Room 143/E-05
4207-STRT0001	Starter, Room 141/E-02
4207-STRT0004	Starter, Room 26
4207-STRT0005	Starter, Room 147/E-10
4207-STRT0006	Starter, Room 147/E-10
4207-STRT0008	Starter, Room24/E-11
4207-STRT0010	Starter, Room 147/E-10
4207-STRT0011	Starter, Room 147/E-10
4207-STRT0018	Starter, Room B4, Closet
4207-STRT0019	Starter, Room B4, Closet
4207-SUB0001	Substation, East Side
4207-SWBD0001	Switch Board, Rm 142A/Rm E08
4207-SWBD0002	Switch Board, Rm 142A/Rm E08

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4207-SWBD0003	Switch Board, Rm 147/Rm E10
4207-SWBD0004	Switch Board, Rm 147/Rm E10
4207-SWBD0005	Switch Board, Rm 147/Rm E10
4207-SWBD0006	Switch Board, Rm 147/Rm E10
4207-SWBD0008	Switch Board, Rm 152
4207-SWBD0009	Switch Board, Rm 152
4207-TANK0001	Underground Tank
4207-TANK0002	Diesel Storage Tank
4207-UH0001	Unit Heater Steam, E-1
4207-UH0002	Unit Heater Electric, Rm 149
4207-UH0003	Unit Heater Electric, Rm 149
4207-UH0004	Unit Heater Electric, Rm 147A
4207-UH0005	Unit Heater Electric, E-6
4207-UPS0001	UPS Power System, Rm 142A/Rm E08
4207-UPS0002	UPS Power System, Rm 142A/Rm E08
4207-UPS0003	UPS Power System, Rm 142A/Rm E08
4207-UPS0004	UPS Power System, Rm 152
4207-UPSF0001	UPS Frequency Inverter, Rm 142A/Rm E08
4207-UPSS0001	Static Switch Meter Cabinet, Rm 142A/Rm E08
4207-UPSS0001	Static Switch Meter Cabinet, Rm 142A/Rm E08
4207-VLV0001	Valve, Manual - Rm 143/E-5
4207-VLV0002	Valve, Automatic - Rm 143/E-5, (ISOVLV BYPASS-1)
4207-VLV0003	Valve, Automatic - Rm 143/E-5, (ISOVLV-SUP)
4207-VLV0004	Valve, Automatic - Rm 143/E-5, (ISOVLV-RET)
4207-VLV0005	Valve, Automatic - Rm 143/E-5, (CHWS MAKE UP ISOVLV)
4207-VLV0006	Valve, Automatic - Rm 143/E-5, (PCV, Building control valve)
4207-VLV0007	Valve, Automatic - Rm 143/E-5, (CHLRSSUP ISOVLV)
4207-VLV0008	Valve, Automatic - Rm 149/E-5A, (CH2 ISOVLV)
4207-VLV0009	Valve, Automatic - Rm 147A, (CH3 ISOVLV)
4207-VLV0010	Valve, Automatic - Rm 143/E-5, (CHLRS RET ISOVLV)
4207-VLV0011	Valve, Automatic - Rm 143/E-5, (CHLRS BYPASS ISOVLV-2)
4207-VLV0012	Valve, Automatic - Rm 149/E-5A, (CH2 CONDS VLV)
4207-VLV0013	Valve, Automatic - Rm 148/E-9, (CH3 CONDS VLV)
4207-VSC0001	Variable Speed Control, Rm 143/Rm E5 Assoc w/ CHWP
4207-VSC0002	Variable Speed Control, Rm 143/Rm E5 Assoc w/ CHWP
4207-VSC0003	Variable Speed Control, Rm B2/Rm E1
4207-VSC0004	Variable Speed Control, Outside East at Cooling Tower - Assoc. W/CTWR-1
4207-VSC0005	Variable Speed Control, Rm 26 - Assoc. W/AH-4
4207-VSC0006	Variable Speed Control, Rm 127/Rm E3 - Assoc. W/AH-1
4207-WJET0001	Water Jet, Pit, Outside E-4 - Disconnect at pump
4207-XFMR0001	Transformer, Rm 147/Rm E10
4207-XFMR0002	Transformer, Rm 147/Rm E10
4207-XFMR0003	Transformer, Rm 147/Rm E10
4207-XFMR0004	Transformer, Rm 147A/Rm E12
4207-XFMR0005	Transformer, Rm 142/Rm E06
4207-XFMR0006	Transformer, Rm 152
4207-XFMR0007	Transformer, Rm 152
4207-XFMR0008	Transformer, Rm 152
4209-BLR0001	Steam Boiler, Rm 001
4209-BLR0002	Steam Boiler, Rm 001
4209-DOOR0001	Roll-Up Door, Rm 001 South Side
4209-DOOR0002	Roll-Up Door, Rm 001 West Side
4209-DOOR0003	Roll-Up Door, Rm 002 West Side

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4209-DOOR0004	Roll-Up Door, Room 002 North Wall
4209-DOOR0005	Roll-Up Door, Rm 003 North Side
4209-FIRP0001	Fire Pump, Rm 004
4209-GEN0001	Emergency Generator , RM 1
4209-HWP0001	HOT WATER PUMP, Rm 001
4209-HWP0002	HOT WATER PUMP, Rm 001
4209-ROOF0001	Roof, Bldg 4209
4209-SPR0001	Sprinkler System, Rm 004
4209-SS0001	Safety Switch, Room 001 S Wall
4209-SS0002	Safety Switch, Room 001 S Wall
4209-SS0003	Safety Switch, Room 001 S Wall
4209-SS0004	Safety Switch, Room 001 W Wall
4209-SS0005	Safety Switch, Room 002 W Wall
4209-SS0006	Safety Switch, Room 002 N Wall
4209-SS0007	Safety Switch, Room 003 N Wall
4209-STR0001	Starter, Room 003 N Wall
4209-UH0001	Unit Heater, Steam, Rm 002
4209-UH0002	Unit Heater, Steam, Rm 004
4209-UH0003	Unit Heater, Steam, Rm 003
4209-UH0004	Unit Heater, Steam, Rm 001
4210-DXAC0001	Direct Expansion AC Window Unit, North Side
4210-ROOF0001	Roof, Main, Bldg 4210
4211-DOOR0001	Roll-Up Door, Manual, Rm 100, South Wall
4211-DOOR0002	Roll-Up Door, Manual, Rm 100, South Wall
4211-EAF0001	Fan Exhaust Blower, Rm 100, West Wall - Disconnect at fan motor
4211-LTS0001	Emergency Lighting - Dry Cell, Rm 100, North Wall
4211-PDU0001	Power Distribution Unit, Rm 100, East Wall
4211-PNL0001	Panel Board, Rm 100, West Wall
4211-ROOF0001	Roof, Main, Bdg 4211
4241-ACMP0001	Air Compressor Control, Rm 123 - Disconnect at compressor
4241-AH0001	Air Handling Unit, Rm 123 - Disconnect on unit
4241-AH0002	Air Handling Unit, Rm 123 - Disconnect on unit
4241-AH0004	Air Handling Unit, Basement Overhead, Outside Rm. 113
4241-COIL001A	Chilled Water Coil, AH0001, Rm 123
4241-COIL001B	Hot Water/Steam Coil, AH0001, Rm 123
4241-COIL002A	Chilled Water Coil, AH0002, Rm 123
4241-COIL002B	Hot Water/Steam Coil, AH0002, Rm 123
4241-COIL004A	Chilled Water Coil, AH0004, Basement Overhead, Outside Rm 113
4241-COIL004B	Hot Water/Steam Coil, AH0004, Basement Overhead, Outside Rm 113
4241-DOOR0001	Electric Personnel Door, South Side Main Entrance - Disconnect in panel
4241-DOOR0002	Elec. Personnel Door, South Interior Entrance
4241-DOOR0003	Roll-Up Door, Northeast Corner Outside
4241-DXAC0001	Direct Expansion AC Unit, Rm 111 - Disconnect at unit
4241-DXAC0001	Direct Expansion AC Unit, Rm 111 - Disconnect at unit
4241-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0002	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0004	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0005	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0006	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0007	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0008	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-EAF0009	Exhaust Blower Fan, Roof - Disconnect at fan motor

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4241-EAF0010	Exhaust Blower Fan, Roof - Disconnect at fan motor
4241-ELEV0001	Hydraulic Elevator, South Side Center - Disconnect at elevator
4241-ELEV0001	Hydraulic Elevator, South Side Center - Disconnect at elevator
4241-FAS0001	Fire Alarm System, South Entrance
4241-HV0001	Heat Vent, B102 Bsmr Storm Shelter
4241-HWHD0001	Hot Water Heater - Domestic, Rm 111 - Disconnect at heater
4241-ICE0001	Ice Machine, Rm 118 - Disconnect at machine
4241-LTS0001	Emergency Lighting - Dry Cell, Basement, N. Center
4241-LTS0002	Emergency Lighting - Fluorescent, B102, West
4241-LTS0003	Emergency Lighting - Dry Cell, Basement, By Rm B102
4241-LTS0004	Emergency Lighting - Fluorescent, B102, Center
4241-LTS0005	Emergency Lighting - Fluorescent, B102, East
4241-LTS0006	Emergency Lighting - Fluorescent, Hall by S. Exit
4241-LTS0007	Emergency Lighting - Fluorescent, Hall by Rm 122
4241-LTS0008	Emergency Lighting - Fluorescent, Rm 121
4241-LTS0009	Emergency Lighting - Fluorescent, Hallway, Rm 121B
4241-LTS0010	Emer Lighting - Fluor, Bottom of Stairs, Rm 121
4241-LTS0011	Emer Lighting - Fluor, Top of Stairs, Rm 121
4241-LTS0012	Emergency Lighting - Fluorescent, Entr, Stairs 124
4241-LTS0013	Emergency Lighting - Fluorescent, Rm 113
4241-LTS0014	Emergency Lighting - Fluorescent, Hallway Rm 112
4241-LTS0015	Emergency Lighting - Fluorescent, Elev
4241-LTS0016	Emergency Lighting - Fluorescent, Hallway Rm 200
4241-LTS0017	Emergency Lighting - Fluorescent, Rm 116
4241-LTS0018	Emergency Lighting - Fluorescent, Hallway Rm 204
4241-LTS0019	Emergency Lighting - Fluorescent, Hallway Rm 204B
4241-LTS0020	Emergency Lighting - Fluorescent, Hallway Rm 204C
4241-LTS0021	Emergency Lighting - Dry Cell, Southeast Exit
4241-LTS0022	Emergency Lighting - Fluorescent, Bottom W. Stairs
4241-LTS0023	Emergency Lighting - Fluorescent, Middle W. Stairs
4241-LTS0024	Emergency Lighting - Fluorescent, Top W. Stairs
4241-LTS0025	Emergency Lighting - Fluorescent, Bottom Stairs124
4241-LTS0026	Emergency Lighting - Fluorescent, Middle Stairs124
4241-LTS0027	Emergency Lighting - Fluorescent, Top Stairs124
4241-LTS0028	Emergency Lighting - Fluorescent, Rm 202
4241-LTS0029	Emergency Lighting - Fluorescent, Rm 203
4241-LTS0030	Emergency Lighting - Fluorescent, Rm 118
4241-PNL0001	Panel Board, Rm 121E
4241-PNL0002	Panel Board, Rm 121E
4241-PNL0003	Panel Board, Hallway Outside Rm 110
4241-PNL0004	Panel Board, Hallway Outside Rm 200
4241-PNL0005	Panel Board, Hallway Outside Rm 116
4241-PNL0006	Panel Board, Hallway Outside Rm 116
4241-PNL0007	Panel Board, Center, Rm 113
4241-PNL0008	Panel Board, Basement
4241-ROOF0001	Roof, Main, Bldg 4241
4241-ROOF0002	Roof, South, Bldg 4241
4241-ROOF0003	Roof, East, Bldg 4241
4241-ROOF0004	Roof, North, Bldg 4241
4241-ROOF0005	Roof, West, Bldg 4241
4241-SPR0001	Sprinkler System, Rm 123
4241-SS0001	Safety Switch, Basement
4241-SS0002	Safety Switch, Basement

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4241-SS0003	Safety Switch, Basement
4241-SS0004	Safety Switch, Basement
4241-SS0005	Safety Switch, Room B102
4241-SS0006	Safety Switch, Room 122
4241-SS0007	Safety Switch, Room 11B
4241-SS0008	Safety Switch, Room 11B
4241-SS0009	Safety Switch, Room 11B
4241-SS0010	Safety Switch, Room 11B
4241-SS0011	Safety Switch, Room 111, E-01
4241-SS0012	Safety Switch, Room 111, E-01
4241-SS0013	Safety Switch, Room 111, E-01
4241-SS0014	Safety Switch, Room 111, E-01
4241-SS0015	Safety Switch, Room 111, E-01
4241-SS0016	Safety Switch, Room 111, E-01
4241-SS0017	Safety Switch, Room 111A
4241-STRT0001	Starter, Room 11B
4241-STRT0002	Starter, Room 11B
4241-STRT0003	Starter, Room 11B
4241-STRT0004	Starter, Room 11B
4241-STRT0005	Starter, Room 111, E-01
4241-STRT0006	Starter, Room 111, E-01
4241-TRP0001	Steam Trap, E-1 (029-00001)
4241-TRP0002	Steam Trap, E-1 (029-00002)
4241-TRP0003	Steam Trap, High Bay AH4 (029-00003)
4241-TRP0004	Steam Trap, High Bay AH4 (029-00004)
4241-TRP0005	Steam Trap, Unit Heater North High Bay (029-00005)
4241-TRP0006	Steam Trap, North Wall North High Bay (029-00006)
4241-TRP0007	Steam Trap, E-2 at AH1 (029-00007)
4241-TRP0008	Steam Trap, E-2 at AH2 (029-00008)
4244-BATB0001	Battery Bank, Annex, Rm 120
4244-CRU0001	Computer Room Unit, Rm 200 - Disconnect at unit
4244-CRU0001	Computer Room Unit, Rm 200 - Disconnect at unit
4244-DXAC0001	Direct Expansion AC Unit, Annex Roof - Disconnect at unit
4244-DXAC0002	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4244-DXAC0002	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4244-DXAC0003	Direct Expansion AC Unit, Rm 115A - Disconnect at unit
4244-DXAC0003	Direct Expansion AC Unit, Rm 115A - Disconnect at unit
4244-FAS0001	Fire Alarm System, South Entrance
4244-HWHD0001	Domestic Water Heater, Annex, Rm 117, Bldg 4244 - Disconnect at heater
4244-HWHD0002	Hot Water Heater - Domestic, Rm 200 - Disconnect at heater
4244-LTS0001	Emergency Lighting - Dry Cell, Rm 100
4244-PNL0001	Panel Board, Rm 200
4244-PNL0002	Panel Board, Rm 100
4244-PNL0003	Panel Board, Hallway Outside Rm 104
4244-PNL0004	Panel Board, Hallway Outside Rm 104
4244-PNL0005	Panel Board, Annex, Rm 120
4244-ROOF0001	Roof, Main, Bldg 4244
4244-ROOF0002	Roof, Annex, Bldg 4244
4244-SS0001	Safety Switch, E-01
4244-SS0002	Safety Switch, E-01
4244-SS0003	Safety Switch, Room 115A
4244-SS0004	Safety Switch, Room 115A
4244-SS0005	Safety Switch, Room 120

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4244-SS0006	Safety Switch, Room 120
4244-SS0007	Safety Switch, Room 120
4244-SS0009	Safety Switch, 120
4244-SS0010	Safety Switch, S.W.Corner
4244-SS0011	Safety Switch, West Side
4244-TRP0001	Steam Trap, Steam Station (030-00001)
4244-TRP0002	Steam Trap, E-1 at CRU1 (030-00002)
4244-TRP0003	Steam Trap, E-1 at Stairwell (030-00003)
4244-UPS0001	UPS Power System, Rm 115A, Inside Rm 115
4244-XFMR0001	Transformer, Rm 200
4249-ACMP0001	Air Compressor Control, Rm 127 - Disconnect at compressor
4249-ADRY0001	Air Dryer, Rm 127 - Disconnect at dryer
4249-AH0001	Air Handling Unit, Rm 127 - Disconnect on unit
4249-AH0002	Air Handling Unit, Rm 135 - Disconnect on unit
4249-ATS0001	Auto Transfer Switch, East Outside
4249-CBP0001	Circuit Breaker Panel, East Outside
4249-CBP0002	Circuit Breaker Panel, Room 140
4249-COIL001A	Chilled Water Coil, AH0001, Rm 127/E-3
4249-COIL001B	Hot Water/Steam Coil, AH0001, Rm 127/E-3
4249-COIL002A	Chilled Water Coil, AH0002, Rm 135
4249-COIL002B	Hot Water/Steam Coil, AH0002, Rm 135
4249-EAF0001	Exhaust Blower Fan, Rm 127 - Disconnect at fan motor
4249-FAS0001	Fire Alarm System, Rm 127
4249-GEN0001	Emergency Generator, East Outside
4249-HWHD0001	Hot Water Heater - Domestic, Rm 127 - Disconnect at heater
4249-HWHD0002	Hot Water Heater - Domestic, Rm 116 - Disconnect at heater
4249-HWHD0003	Hot Water Heater - Domestic, Rm 135 - Disconnect at heater
4249-ICE0001	Ice Machine, Rm 124 - Disconnect at machine
4249-PMP0001	Circulating Pump, Rm 135 - Disconnect at pump
4249-PNL0001	Panel Board, Rm 135
4249-PNL0002	Panel Board, Rm 135
4249-PNL0003	Panel Board, Rm 127
4249-PNL0004	Panel Board, Rm 127
4249-PNL0005	Panel Board, Rm 127
4249-PNL0006	Panel Board, Rm 127
4249-PNL0007	Panel Board, Main Entrance
4249-PNL0008	Panel Board, Rm 105
4249-PNL0009	Panel Board, Hallway
4249-PNL0010	Panel Board, Hallway
4249-PNL0011	Panel Board, Hallway
4249-PNL0012	Panel Board, East Outside
4249-ROOF0001	Roof, Main, Bldg 4249
4249-ROOF0002	Roof, North, Bldg 4249
4249-ROOF0003	Roof, Middle, Bldg 4249
4249-SH0001	Safety Shower, Emergency Room South
4249-SS0001	Safety Switch, Room 6, E-02
4249-SS0002	Safety Switch, Room 6, E-02
4249-SS0003	Safety Switch, Room 6, E-02
4249-SS0004	Safety Switch, Room 6, E-02
4249-SS0005	Safety Switch, Room 8, E-01
4249-SS0006	Safety Switch, Outside East Wall
4249-STRT0001	Starter, Room 6, E-02
4249-STRT0002	Starter, Room 6, E-02

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4249-STRT0003	Starter, Room 6, E-02
4249-STRT0004	Starter, Room 8, E-01
4249-STRT0005	Starter, Room 8, E-01
4249-STRT0006	Starter, Room 8, E-01
4249-STRT0007	Starter, Room 8, E-01
4249-STRT0008	Starter, Room 8, E-01
4249-SUB0001	Substation, East Side
4249-TRP0001	Steam Trap, Floor at AH-2, E-1 (038-00001)
4249-TRP0002	Steam Trap, Middle at AH-2, E-1 (038-00002)
4249-TRP0003	Steam Trap, Unit Heater, E-1 (038-00003)
4249-TRP0004	Steam Trap, Above AH-2, E-1 (038-00004)
4249-TRP0005	Steam Trap, Middle at AH-1, E-2 (038-00005)
4249-TRP0006	Steam Trap, Unit Heater, E-2 (038-00006)
4249-TRP0007	Steam Trap, Above Unit Heater, E-2 (038-00007)
4249-UH0001	Unit Heater Steam, E-1
4249-UH0002	Unit Heater Steam, E-2
4249-XFMR0001	Transformer, Rm 135
4249-XFMR0002	Transformer, Rm 127
4249-XFMR0003	Transformer, Room 6, E-02
4250-ACMP0001	Air Compressor Unit, Rm 17 - Disconnect at compressor
4250-ACMP0001	Air Compressor Unit, Rm 17 - Disconnect at compressor
4250-ACMP0001	Air Compressor Unit, Rm 17 - Disconnect at compressor
4250-ADRY0001	Air Dryer, Rm 17 - Disconnect at dryer
4250-AH0001	Air Handling Unit, Rm 17 - Disconnect on unit
4250-AH0001	Air Handling Unit, Rm 17 - Disconnect on unit
4250-AH0002	Air Handling Unit, Over Hall Near Rm 71 - Disconnect on unit
4250-AH0003	Air Handling Unit, Center Hallway, W. Corner - Disconnect on unit
4250-AH0004	Air Handling Unit, Rm 45A Overhead - Disconnect on unit
4250-AH0005	Air Handling Unit, Rm 52 Overhead - Disconnect on unit
4250-AH0006	Air Handling Unit, Over Hall near Rm 69 - Disconnect on unit
4250-AH0007	Air Handling Unit, Rm 57 Overhead - Disconnect on unit
4250-AH0008	Air Handling Unit, Ucs Hallway Overhead
4250-ATS0002	Auto Transfer Switch, Rm 27
4250-BATB0001	Battery Bank, Rm 19
4250-CBP0001	Circuit Breaker Panel, Room 27
4250-CHWP0001	Chill Water Pump, Rm 19, NE Inside - Disconnect at pump
4250-CHWP0002	Pump Chill Water, E-2
4250-COIL001A	Chilled Water Coil, AH0001, Rm 17
4250-COIL001B	Hot Water/Steam Coil, AH0001, Rm 17
4250-COIL002A	Chilled Water Coil, AH0002, Over Hall near Rm 71
4250-COIL002B	Hot Water/Steam Coil, AH0002, Over Hall near Rm 71
4250-COIL003A	Chilled Water Coil, AH0003, Center Hallway, W. Corner
4250-COIL003B	Hot Water/Steam Coil, AH0003, Center Hallway, W. Corner
4250-COIL004A	Chilled Water Coil, AH0004, Rm 45A Overhead
4250-COIL004B	Hot Water/Steam Coil, AH0004, Rm 45A Overhead
4250-COIL005A	Chilled Water Coil, AH0005, Rm 52 Overhead
4250-COIL005B	Hot Water/Steam Coil, AH0005, Rm 52 Overhead
4250-COIL006A	Chilled Water Coil, AH0006, Over hall near Rm 69
4250-COIL006B	Hot Water/Steam Coil, AH0006, Over hall near Rm 69
4250-COIL007A	Chilled Water Coil, AH0007, Rm 57 Overhead
4250-COIL007B	Hot Water/Steam Coil, AH0007, Rm 57 Overhead
4250-COIL008A	Chilled Water Coil, AH0008, UCS Hallway Overhead
4250-COIL008B	Hot Water/Steam Coil, AH0008, UCS Hallway Overhead

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4250-DOOR0001	Electric Personnel Door, East Side Main Entrance - Disconnect in panel
4250-DOOR0002	Door Electric Personnel, East Entrance Inner Door
4250-DXAC0001	Direct Expansion AC Unit, Overhead, Rm 68 - Disconnect at unit
4250-DXAC0001	Direct Expansion AC Unit, Overhead, Rm 68 - Disconnect at unit
4250-DXAC0002	Direct Expansion AC Unit, UCS Hallway - Disconnect at unit
4250-DXAC0002	Direct Expansion AC Unit, UCS Hallway - Disconnect at unit
4250-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4250-EAF0002	Exhaust Blower Fan, Outside Wall, Rm 19/Rm E02 - Disconnect at fan motor
4250-EW0001	Safety Eyewash, Rm 19
4250-FAS0001	Fire Alarm System, East Entrance
4250-GEN0001	Emergency Generator, South Outside
4250-HWHD0001	Hot Water Heater - Domestic, Rm 17 - Disconnect at heater
4250-HWHD0002	Hot Water Heater - Domestic, Attic - Disconnect at heater
4250-HWHD0003	Domestic Water Heater, West End Over Ladies Rm - Disconnect at heater
4250-HWP0001	Hot Water Pump, Rm 17 - Disconnect at pump
4250-ICE0001	Ice Machine, West End Inside - Disconnect at machine
4250-LC0001	Lighting Contactor, Room 31, Conf. Rm.
4250-LTS0001	Emergency Lighting - Dry Cell, Hall, Rm 7
4250-LTS0002	Emergency Lighting - Dry Cell, Rm 41D
4250-LTS0003	Emergency Lighting - Fluorescent, Rm 18B
4250-LTS0004	Emergency Lighting - Fluorescent, Hall, Rm 20
4250-LTS0005	Emergency Lighting - Fluorescent, Hall, Rm 21
4250-LTS0006	Emergency Lighting - Fluorescent, Hall, Rm 26
4250-LTS0007	Emergency Lighting - Fluorescent, Hall, Rm 28
4250-LTS0008	Emergency Lighting - Fluorescent, Hall, Rm 30B
4250-LTS0009	Emergency Lighting - Fluorescent, Hall, Rm 54
4250-LTS0010	Emergency Lighting - Fluorescent, Hall, Rm 63
4250-LTS0011	Emergency Lighting - Fluorescent, Hall, Rm 64
4250-LTS0012	Emergency Lighting - Fluorescent, Hall, Rm 36B
4250-LTS0013	Emergency Lighting - Fluorescent, Hall, Rm 69
4250-LTS0014	Emergency Lighting - Fluorescent, Hall, Rm 73
4250-LTS0015	Emergency Lighting - Fluorescent, Hall, Rm 77
4250-LTS0016	Emergency Lighting - Fluorescent, Hall, Rm 57
4250-LTS0017	Emergency Light, Hall At Room 40-3
4250-MCC0001	Motor Control Center, Rm 17
4250-MCC0002	Motor Control Center, Rm 25
4250-PNL0001	Panel Board, Rm 35, Outside Closet
4250-PNL0002	Panel Board, Rm 35, Outside Closet
4250-PNL0003	Panel Board, Rm 35
4250-PNL0004	Panel Board, Rm 25
4250-PNL0005	Panel Board, Rm 35E
4250-PNL0006	Panel Board, Rm 14
4250-PNL0007	Panel Board, Rm 14
4250-PNL0008	Panel Board, Rm 14
4250-PNL0009	Panel Board, Rm 19
4250-PNL0010	Panel Board, Rm 32
4250-PNL0011	Panel Board, Rm 41C
4250-PNL0012	Panel Board, Rm 29, Outside Closet
4250-PNL0013	Panel Board, Rm 29, Outside Closet
4250-PNL0014	Panel Board, Rm 5, Outside Hallway
4250-PNL0015	Panel Board, Rm 5
4250-PNL0016	Panel Board, Rm 27
4250-PNL0017	Panel Board, Rm 28

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4250-PNL0018	Panel Board, Rm 28
4250-RLY0001	Relay, Room 31, Conf. Rm.
4250-ROOF0001	Roof, Main, Bldg 4250
4250-SPR0001	Sprinkler System, Rm 72
4250-SS0001	Safety Switch, Room 80, E-05
4250-SS0002	Safety Switch, Room 25, E-04
4250-SS0003	Safety Switch, Room 80, E-05
4250-SS0004	Safety Switch, Room 19, E-02
4250-SS0005	Safety Switch, Room 19, E-02
4250-SS0006	Safety Switch, W. Outside, At Cond.
4250-SS0007	Safety Switch, W. Outside, At Fan
4250-SS0008	Safety Switch, S. Outside, At Gen.
4250-SS0009	Safety Switch, S. Outside, At Gen.
4250-STRT0001	Starter, Room 19, E-02
4250-STRT0002	Starter, Room 31, Conf. Rm.
4250-STRT0003	Starter, Room 17, E-01
4250-SUB0001	Substation, North Side
4250-SWBD0001	Switch Board, Rm 25
4250-TMR0001	Timer, Room 25, E-04
4250-TRP0001	Steam Trap, Steam Station, Outside SW corner (039-00001)
4250-TRP0002	Steam Trap, AH-6 (039-00002)
4250-TRP0003	Steam Trap, AH-3 (039-00003)
4250-TRP0004	Steam Trap, AH-2 (039-00004)
4250-TRP0005	Steam Trap, AH-4 (039-00005)
4250-TRP0006	Steam Trap, AH-5 (039-00006)
4250-TRP0007	Steam Trap, AH-1, Rm E-1 (039-00007)
4250-TRP0008	Steam Trap, Rm E-1 (039-00008)
4250-TRP0009	Steam Trap, Rm E-1, at HWH #2 (039-00009)
4250-TRP0010	Steam Trap, Rm E-1 (039-00010)
4250-TRP0011	Steam Trap, AH-7 (039-00011)
4250-TRP0012	Steam Trap, AH-7 (039-00012)
4250-UPS0001	UPS Power System, Rm 25
4250-VFD0001	Variable Frequency Drive, Room 19, E-02
4250-VSC0001	Variable Speed Control, Rm 19/Rm E02 Assoc w/ CHWP
4250-XFMR0001	Transformer, Rm 25
4251-ACMP0001	Air Compressor, High Bay, Rm 1 - Disconnect at compressor
4251-DOOR0001	Electric Roll Up Door, North Side High Bay
4251-DOOR0002	Manual Roll-Up Door, North Wall Rm 16
4251-DXAC0001	Direct Expansion AC Unit, Over Rm 5 - Disconnect at unit
4251-DXAC0001	Direct Expansion AC Unit, Over Rm 5 - Disconnect at unit
4251-DXAC0002	Direct Expansion AC Unit, Rm 1 - Disconnect at unit
4251-DXAC0002	Direct Expansion AC Unit, Rm 1 - Disconnect at unit
4251-DXAC0003	Direct Expansion AC Unit, East End High Bay Overhead, Rm 1 - Disconnect at unit
4251-EW0001	Safety Eye Wash, High Bay, West End, Rm 1
4251-FAS0001	Fire Alarm System, NE Entrance
4251-HWHD0001	Domestic Water Heater, High Bay, N side, Rm 1 - Disconnect at heater
4251-HWHD0002	Hot Water Heater - Domestic, East Side, High Bay, Rm 1 - Disconnect at heater
4251-LTS0001	Emergency Lighting - Dry Cell, Hall, Rm 13
4251-LTS0002	Emergency Lighting - Dry Cell, Hall, Rm 9
4251-PNL0001	Panel Board, Rm 16
4251-PNL0002	Panel Board, Rm 16
4251-PNL0003	Panel Board, Rm 16
4251-PNL0004	Panel Board, Rm 16

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4251-ROOF0001	Roof, Main, Bldg 4251
4251-SS0001	Safety Switch, High Bay West Side
4251-SS0002	Safety Switch, High Bay North Side
4251-SS0003	Safety Switch, High Bay North Side
4251-SS0004	Safety Switch, High Bay N.E. Side
4251-SS0005	Safety Switch, High Bay East Side
4251-SS0006	Safety Switch, High Bay East Side
4251-SS0008	Safety Switch, Mini High Bay West Side
4251-SS0010	Safety Switch, Mini High Bay West Side
4251-SS0011	Safety Switch, S.W.Side Outside
4251-SS0012	Safety Switch, South Central Outside
4251-SS0013	Safety Switch, High Bay East Wall
4251-SS0014	Safety Switch, High Bay North Wall
4251-STRT0001	Starter, High Bay West Side
4251-STRT0002	Starter, Mini High Bay West Side
4251-STRT0003	Starter, Mini High Bay West Side
4251-XFMR0001	Transformer, Rm 16
4251-XFMR0002	Transformer, Mini High Bay West Side
4251-XFMR0003	Transformer, Mini High Bay West Side
4252-ACMP0001	Air Compressor, Outside - Disconnect at compressor
4252-PNL0001	Panel Board, South Outside
4252-ROOF0001	Roof, Main, Bldg 4252
4252-SS0001	Safety Switch, South Outside
4252-SS0002	Safety Switch, South Outside
4252-SS0003	Safety Switch, East Inside
4306-CBS0001	Circuit Breaker Starter, Room 106, E-01
4306-DXAC0001	Direct Expansion AC Unit, Rm 107 - Disconnect at unit
4306-DXAC0001	Direct Expansion AC Unit, Rm 107 - Disconnect at unit
4306-FAS0001	Fire Alarm System, North Entrance
4306-HWHD0001	Hot Water Heater - Domestic, Rm 107 - Disconnect room E1
4306-LTS0001	Emergency Lighting - Dry Cell, Rm 101, SW Wall
4306-LTS0002	Emergency Lighting - Dry Cell, Rm 101-14
4306-PNL0001	Panel Board, Rm 106/E-1
4306-PNL0002	Panel Board, Rm 106, E-01
4306-ROOF0001	Roof, Main, Bldg 4306
4306-SS0001	Safety Switch, Outside, North
4306-SS0002	Safety Switch, Room 106, E-01
4306-SS0003	Safety Switch, Room 106, E-01
4306-STRT0001	Starter, Room 106, E-01
4306-STRT0002	Starter, Room 106, E-01
4306-TRP0001	Steam Trap, Rm 106 (023-00001)
4306-TRP0002	Steam Trap, Rm 106 (023-00002)
4306-TRP0003	Steam Trap, Rm 106 (023-00003)
4306-XFMR0001	Transformer, Rm 107
4312-ACMP0001	Air Compressor Control, Duplex, Rm 115/Rm E01 - Disconnect room E1
4312-ADRY0001	Air Dryer, Rm 115/Rm E01 - Disconnect room E1
4312-AH0001	Air Handling Unit, Rm 115/Rm E01 - Disconnect room E1
4312-AH0002	Air Handling Unit, Basement - Disconnect
4312-ATS0001	Auto Transfer Switch, Rm 115/Rm E01
4312-BATB0001	Battery Bank, Basement, Rm 4
4312-BFP0001	Back Flow Preventer - Chilled, Rm 115/ E01
4312-CBP0001	Circuit Breaker Panel, Attic Over Rm 100B
4312-CHLR0001	Water Chiller, North Side

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4312-CHWP0001	Chill Water Pump, Rm 115/Rm E01 - Disconnect in room E1
4312-CHWP0002	Chilled Water Pump, Rm 115 (E01)
4312-COIL001A	Chilled Water Coil, AH0001, Rm 115/E-1
4312-COIL001B	Hot Water/Steam Coil, AH0001, Rm 115/E-1
4312-DXAC0001	Direct Expansion AC Unit, Rm 4 - Disconnect at unit
4312-DXAC0001	Direct Expansion AC Unit, Rm 4 - Disconnect at unit
4312-EAF0001	Exhaust Blower Fan, Attic Overhead Rm 111A - Disconnect at fan motor
4312-FAS0001	Fire Alarm System, South Entrance
4312-HWHD0001	Hot Water Heater - Domestic, Rm 113 - Disconnect at heater
4312-KCOL0001	Condensing Unit, North Side, Outside
4312-LTS0001	Emergency Lighting - Dry Cell, Hall near Rm 112
4312-LTS0002	Emergency Lighting - Dry Cell, Basement o/s Rm 3
4312-LTS0003	Emergency Lighting - Dry Cell, Basement, Rm 3
4312-LTS0004	Emergency Lighting - Fluorescent, Rm 100 SW
4312-LTS0005	Emergency Lighting - Fluorescent, Rm 100 NE
4312-PNL0001	Panel Board, Rm 105
4312-PNL0002	Panel Board, Rm 105
4312-PNL0003	Panel Board, Rm 105
4312-PNL0004	Panel Board, Rm 105
4312-PNL0005	Panel Board, Rm 109
4312-PNL0006	Panel Board, Rm 100B
4312-ROOF0001	Roof, Main, Bldg 4312
4312-SPMP001	Sump Pump, Basement, Under Stairs - Disconnect at pump
4312-SS0001	Safety Switch, Room 105
4312-SS0002	Safety Switch, Room 105
4312-SS0003	Safety Switch, Room B4
4312-SS0004	Safety Switch, 911 Room
4312-SS0005	Safety Switch, Outside, North
4312-SS0006	Safety Switch, Room 115, E-01
4312-SS0007	Safety Switch, Room 115, E-01
4312-SS0008	Safety Switch, Room 115, E-01
4312-SS0009	Safety Switch, Room 115, E-01
4312-SS0010	Safety Switch, Room 115, E-01
4312-SS0011	Safety Switch, Room 115, E-01
4312-SS0012	Safety Switch, Room 115, E-01
4312-SSS0001	Starter Safety Switch, Outside, North
4312-STRT0001	Starter, Room 115, E-01
4312-STRT0002	Starter, Room 115, E-01
4312-STRT0003	Starter, Room 115, E-01
4312-STRT0004	Starter, Room 115, E-01
4312-STRT0005	Starter, Room 115, E-01
4312-STRT0006	Starter, Room 115, E-01
4312-STRT0007	Starter, Room 115, E-01
4312-STRT0008	Starter, Room 115, E-01
4312-STRT0009	Starter, Room 115, E-01
4312-TRP0001	Steam Trap, Rm 115/E-1 (022-00001)
4312-TRP0002	Steam Trap, Rm 115/E-1 (022-00002)
4312-TRP0003	Steam Trap, Rm 115/E-1 (022-00003)
4312-UPS0001	UPS Power System, Basement, Rm 4
4312-XFMR0001	Transformer, Rm 105
4312-XFMR0002	Transformer, Attic, Over Rm 100B
4315-AH0001	Air Handling Unit, Rm 105
4315-AH0002	Air Handling Unit, Roof, Middle, West

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4315-AH0003	Air Handling Unit, Roof, Middle, East
4315-AH0004	Air Handling Unit, Above Rm 117B
4315-AH0005	Air Handling Unit, Rm 103B
4315-CBS0001	Circuit Breaker Starter, Room 105, E-01
4315-CBS0002	Circuit Breaker Starter, Room 105, E-01
4315-CBS0003	Circuit Breaker Starter, Room 105, E-01
4315-CBS0004	Circuit Breaker Starter, Room 105, E-01
4315-COIL001A	Chilled Water Coil, AH0001, Rm 105
4315-COIL001B	Hot Water/Steam Coil, AH0001, Rm 105
4315-COIL002A	Chilled Water Coil, AH0002, Roof, Middle, West
4315-COIL002B	Hot Water/Steam Coil, AH0002, Roof, Middle, West
4315-COIL003A	Chilled Water Coil, AH0003, Roof, Middle, East
4315-COIL003B	Hot Water/Steam Coil, AH0003, Roof, Middle, East
4315-COIL004A	Chilled Water Coil, AH0004, Above Rm 117B
4315-COIL004B	Hot Water/Steam Coil, AH0004, Above Rm 117B
4315-COIL005A	Chilled Water Coil, AH0005, Rm 103B
4315-COIL005B	Hot Water/Steam Coil, AH0005, Rm 103B
4315-DOOR0001	Roll-Up Door, East Side
4315-DOOR0002	Roll-Up Door, West Side
4315-DXAC0001	Direct Expansion AC Unit, Rm 104, Near Rm 104A
4315-DXAC0001	Direct Expansion AC Unit, Rm 104, Near Rm 104A
4315-DXAC0002	Direct Expansion AC Unit, Rm 104, Near Rm 104B
4315-DXAC0002	Direct Expansion AC Unit, Rm 104, Near Rm 104B
4315-FAS0001	Fire Alarm System, Rm. 100, South Lobby
4315-HTR0001	Unit Heater, Electric, Rm 105, E-1
4315-HWHD0001	Hot Water Heater, Gas-Fired, Rm 105/E-1 - Disconnect at heater
4315-HWP0001	Hot Water Pump, Rm 105, E-1
4315-ICE0001	Ice Machine, Rm 100, Near East Exercise Rm - Disconnect at machine
4315-LTS0001	Emergency Lighting - Fluorescent, Hall Near Rm 106
4315-LTS0002	Emergency Lighting - Fluorescent, Hall Near Rm 106
4315-LTS0003	Emergency Lighting - Fluorescent, South Lobby
4315-LTS0004	Emergency Lighting - Fluorescent, Near Rm 104 East Entrance
4315-LTS0005	Emergency Lighting - Fluorescent, Rm 103A
4315-LTS0006	Emergency Lighting - Fluorescent, Rm 103C
4315-LTS0007	Emergency Lighting - Fluorescent, Rm 103B
4315-LTS0008	Emergency Lighting - Dry Cell, Southeast Entrance Rm 107
4315-LTS0009	Emergency Lighting - Dry Cell, Rm 107 Northeast Exit
4315-LTS0010	Emergency Lighting - Dry Cell, Rm 117
4315-LTS0011	Emergency Lighting - Fluorescent, Rm 117
4315-LTS0012	Emergency Lighting - Fluorescent, Rm 117
4315-LTS0013	Emergency Lighting - Fluorescent, Rm 117
4315-LTS0014	Emergency Lighting - Dry Cell, Rm 108
4315-LTS0015	Emergency Lighting - Fluorescent, Rm 108
4315-LTS0016	Emergency Lighting - Dry Cell, Hallway Near Rm 108
4315-LTS0017	Emergency Lighting - Fluorescent, Hallway Near Rm 110
4315-LTS0018	Emergency Lighting - Dry Cell, Hallway Near Rm 112
4315-LTS0019	Emergency Lighting - Fluorescent, Hallway Near Rm 112
4315-LTS0020	Emergency Lighting - Dry Cell, Rm 107 Northwest Exit
4315-LTS0021	Emergency Lighting - Fluorescent, Rm 106B
4315-LTS0022	Emergency Lighting - Fluorescent, Rm 106A
4315-LTS0023	Emergency Lighting - Fluorescent, Rm 106C
4315-LTS0024	Emergency Lighting - Fluorescent, Rm 104A East Entrance
4315-LTS0025	Emergency Lighting - Fluorescent, Rm 104B East Entrance

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4315-LTS0026	Emergency Lighting - Dry Cell, Rm 104 Southeast Exit
4315-LTS0027	Emergency Lighting - Dry Cell, Rm 104 Northeast Exit
4315-LTS0028	Emergency Lighting - Dry Cell, Rm 104 Northwest Exit
4315-PNL0001	Panel Board, PNL LPA, Rm 105
4315-PNL0002	Panel Board, Outside North, Rm. 105 E-1
4315-PNL0003	Panel Board, Hallway, Near Rm. 108 Entrance
4315-PNL0004	Panel Board, Rm 104, Near Rm. 104A Entrance
4315-PNL0005	Panel Board, Rm 104, Near Rm. 104B Entrance
4315-PNL0006	Panel Board, Rm 100B
4315-ROOF0001	Roof, Main, Bldg 4315
4315-ROOF0002	Roof, Bldg 4315
4315-ROOF0003	Roof, Bldg 4315
4315-ROOF0004	Roof, Bldg 4315
4315-SPR0001	Sprinkler System, RM 105/E-1
4315-SS0001	Safety Switch, Outside, North
4315-SS0002	Safety Switch, Outside, South
4315-XFMR0001	Transformer, Rm 105, E-1
4316-AH0001	Air Handler, Roof, Bldg 4316
4316-AH0002	Air Handler, Roof, Bldg 4316
4316-CBS0001	Circuit Breaker Starter, Room 107, E-01
4316-COIL001A	Chilled Water Coil, AH0001, Roof
4316-COIL001B	Hot Water/Steam Coil, AH0001, Roof
4316-COIL002A	Chilled Water Coil, AH0002, Roof
4316-COIL002B	Hot Water/Steam Coil, AH0002, Roof
4316-DOOR0001	Roll-Up Door, South Side
4316-ERU0001	Energy Recovery Unit, Roof, East Side
4316-ERU0002	Energy Recovery Unit, Roof, West Side
4316-FAS0001	Fire Alarm System, Rm 100
4316-LTS0001	Emergency Lighting - Fluorescent, Rm 101 Center
4316-LTS0002	Emergency Lighting - Fluor, Rm 102
4316-LTS0003	Emergency Lighting - Fluor, Rm 103 , Mens Room
4316-LTS0004	Emergency Lighting - Fluor, Rm 110, High Bay North
4316-LTS0005	Emergency Lighting - Fluor, Rm 110, High Bay South
4316-PNL0001	Panel Board, Rm 110, East Side
4316-PNL0002	Panel Board, Rm 110, West Side
4316-PNL0003	Panel Board, Rm 107/Rm E01
4316-PNL0004	Panel Board, Rm 107/Rm E01
4316-ROOF0001	Roof, Main, Bldg 4316
4316-ROOF0002	Roof, Bldg 4316
4316-ROOF0003	Roof, Bldg 4316
4316-ROOF0004	Roof, Bldg 4316
4316-ROOF0005	Roof, Bldg 4316
4316-SS0001	Safety Switch, Outside, North
4316-SS0002	Safety Switch, Room 103, North
4316-VFD0001	Variable Frequency Drive, Room 107, E-01
4316-XFMR0001	Transformer, Rm 107/Rm E01
4319-PNL0001	Panel Board, Interior
4319-PNL0002	Panel Board, Interior
4319-ROOF0001	Roof, Main, Bldg 4319
4319-SS0001	Safety Switch, Bldg 4319
4319-SS0002	Safety Switch, Bldg 4319
4319-SS0003	Safety Switch, Bldg 4319
4319-SS0004	Safety Switch, South, Outside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4319-SS0005	Safety Switch, South, Outside
4346-DXAC0001	Direct Expansion AC Unit, Rm 152 - Disconnect at unit
4346-DXAC0001	Direct Expansion AC Unit, Rm 152 - Disconnect at unit
4346-DXAC0002	Direct Expansion AC Unit, Rm 153 - Disconnect at unit
4346-DXAC0002	Direct Expansion AC Unit, Rm 153 - Disconnect at unit
4346-DXAC0003	Direct Expansion AC Unit, Rm 154 - Disconnect at unit
4346-DXAC0003	Direct Expansion AC Unit, Rm 154 - Disconnect at unit
4346-DXAC0004	Direct Expansion AC Unit, Rm 156 - Disconnect at unit
4346-DXAC0004	Direct Expansion AC Unit, Rm 156 - Disconnect at unit
4346-DXAC0005	Direct Expansion AC Unit, Rm 157 - Disconnect at unit
4346-DXAC0005	Direct Expansion AC Unit, Rm 157 - Disconnect at unit
4346-DXAC0006	Direct Expansion AC Unit, Rm 158 - Disconnect at unit
4346-DXAC0006	Direct Expansion AC Unit, Rm 158 - Disconnect at unit
4346-DXAC0007	Direct Expansion AC Unit, Rm 158 - Disconnect at unit
4346-DXAC0007	Direct Expansion AC Unit, Rm 158 - Disconnect at unit
4346-DXAC0008	Direct Expansion AC Unit, Rm 160 - Disconnect at unit
4346-DXAC0008	Direct Expansion AC Unit, Rm 160 - Disconnect at unit
4346-DXAC0009	Direct Expansion AC Unit, Rm 161 - Disconnect at unit
4346-DXAC0009	Direct Expansion AC Unit, Rm 161 - Disconnect at unit
4346-DXAC0010	Direct Expansion AC Unit, Rm 163 - Disconnect at unit
4346-DXAC0010	Direct Expansion AC Unit, Rm 163 - Disconnect at unit
4346-DXAC0011	Direct Expansion AC Unit, Rm 146 - Disconnect at unit
4346-DXAC0011	Direct Expansion AC Unit, Rm 146 - Disconnect at unit
4346-DXAC0012	Direct Expansion AC Unit, Rm 146 - Disconnect at unit
4346-DXAC0012	Direct Expansion AC Unit, Rm 146 - Disconnect at unit
4346-FAS0001	Fire Alarm System, West Entry Foyer
4346-FSS0001	Fire Suppression System, Rm 129
4346-HUM0001	Humidifier, Rm 146
4346-HWHD0001	Hot Water Heater Domestic, Rm 146
4346-HWHD0002	Hot Water Heater Domestic, Rm 146
4346-LC0001	Lighting Contactor, Room 147
4346-LC0002	Lighting Contactor, Room 147
4346-LP0001	Lighting Panel, Rm 147
4346-LTS0001	Emergency Lighting - Dry Cell, Front Reception Area
4346-LTS0002	Emergency Lighting - Dry Cell, Front Reception Area
4346-LTS0003	Emergency Lighting - Dry Cell, Front Reception Area
4346-LTS0004	Emergency Lighting - Fluorescent, Rm 145
4346-LTS0005	Emergency Lighting - Fluorescent, Hall at Rm 146
4346-LTS0006	Emergency Lighting - Fluorescent, Unisex Restroom Rm 144
4346-LTS0007	Emergency Lighting - Fluorescent, Hall at Rm 135
4346-LTS0008	Emergency Lighting - Fluorescent, Rm 139
4346-LTS0009	Emergency Lighting - Fluorescent, Rm 139A, Restroom
4346-LTS0010	Emergency Lighting - Fluorescent, Rm 142, Women's Restroom
4346-LTS0011	Emergency Lighting - Fluorescent, Rm 136
4346-LTS0012	Emergency Lighting - Fluorescent, Rm 136A, Restroom
4346-LTS0013	Emergency Lighting - Fluorescent, Rm 132
4346-LTS0014	Emergency Lighting - Fluorescent, Rm 132
4346-LTS0015	Emergency Lighting - Fluorescent, Rm 133
4346-LTS0016	Emergency Lighting - Fluorescent, Rm 133A, Restroom
4346-LTS0017	Emergency Lighting - Fluorescent, Hall at Rm 122
4346-LTS0018	Emergency Lighting - Fluorescent, Rm 126
4346-LTS0019	Emergency Lighting - Fluorescent, Rm 129
4346-LTS0020	Emergency Lighting - Fluorescent, Rm 130, Pantry

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4346-LTS0021	Emergency Lighting - Fluorescent, Rm 122
4346-LTS0022	Emergency Lighting - Fluorescent, Rm 149
4346-LTS0023	Emergency Lighting - Fluorescent, Rm 121
4346-LTS0024	Emergency Lighting - Fluorescent, Rm 120
4346-LTS0025	Emergency Lighting - Fluorescent, Rm 120
4346-LTS0026	Emergency Lighting - Fluorescent, Rm 116
4346-LTS0027	Emergency Lighting - Fluorescent, Rm 113
4346-LTS0028	Emergency Lighting - Fluorescent, Rm 112
4346-LTS0029	Emergency Lighting - Fluorescent, Rm 111
4346-LTS0030	Emergency Lighting - Fluorescent, Rm 110
4346-LTS0031	Emergency Lighting - Fluorescent, Hall at Rm 109
4346-LTS0032	Emergency Lighting - Fluorescent, Rm 109
4346-LTS0033	Emergency Lighting - Fluorescent, Rm 108
4346-LTS0034	Emergency Lighting - Fluorescent, Rm 104
4346-LTS0035	Emergency Lighting - Fluorescent, Hall at Rm 105
4346-LTS0036	Emergency Lighting - Fluorescent, Rm 103
4346-LTS0037	Emergency Lighting - Fluorescent, Rm 105
4346-PP0001	Power Panel, Rm 147
4346-PP0002	Power Panel, Rm 147
4346-ROOF0001	Roof, Main, Bldg 4346
4346-ROOF0002	Roof, West Side, Bldg 4346
4346-RP0001	Receptacle Panel Board, Hall at Rm 129
4346-RP0002	Receptacle Panel Board, Hall at Rm 149
4346-SPR0001	Sprinkler System, RM 146
4346-SS0001	Safety Switch, Outside West
4346-SS0002	Safety Switch, Outside West
4346-SS0003	Safety Switch, Outside South
4346-SS0004	Safety Switch, Outside South
4346-SS0005	Safety Switch, Outside South
4346-SS0006	Safety Switch, Outside South
4346-SS0007	Safety Switch, Outside East
4346-SS0008	Safety Switch, Outside East
4346-SS0009	Safety Switch, Outside East
4346-SS0010	Safety Switch, Outside East
4346-SS0011	Safety Switch, Outside North
4346-SS0012	Safety Switch, Outside North
4346-SS0013	Safety Switch, Rm 146
4346-SS0014	Safety Switch, Rm 146
4346-SS0015	Safety Switch, Rm 146
4346-SS0016	Safety Switch, Rm 146
4346-SS0017	Safety Switch, Rm 146
4346-SS0018	Safety Switch, Rm 152
4346-SS0019	Safety Switch, Rm 153
4346-SS0020	Safety Switch, Rm 154
4346-SS0021	Safety Switch, Rm 156
4346-SS0022	Safety Switch, Rm 157
4346-SS0023	Safety Switch, Rm 158
4346-SS0024	Safety Switch, Rm 158
4346-SS0025	Safety Switch, Rm 160
4346-SS0026	Safety Switch, Rm 161
4346-SS0027	Safety Switch, Rm 163
4346-SWBD0001	Switch Board, Rm 147
4346-UH0001	Unit Heater Electric, Rm 146

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4347-CBP0001	Circuit Breaker Panel, South Dome
4347-CBP0002	Circuit Breaker Panel, Outside, West
4347-CBP0003	Circuit Breaker Panel, East Dome
4347-DOOR0001	Roll-Up Door, Manual, E. Storage Room
4347-DOOR0002	Roll-Up Door, Manual, W. Storage Room
4347-DOOR0003	Roll-Up Door, Manual, Top Of Telescope Tower
4347-DXAC0001	Direct Expansion AC Unit, East Outside - Disconnect at unit
4347-DXAC0002	Direct Expansion AC Unit, South Outside - Disconnect at unit
4347-FAS0001	Fire Alarm System, Inside
4347-HP0001	Heat Pump, North Dome - Disconnect at unit
4347-HP0002	Heat Pump, South Dome - Disconnect at unit
4347-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4347-PNL0001	Panel Board, Rm 103
4347-PNL0002	Panel Board, Rm 103
4347-PNL0003	Panel Board, East Dome
4347-PNL0004	Panel Board, Tower
4347-PNL0005	Panel Board, South Dome
4347-ROOF0001	Roof, Main, Bldg 4347
4347-ROOF0002	Roof, Tower, Bldg 4347
4347-SS0001	Safety Switch, Room 103
4347-SS0002	Safety Switch, Outside, West
4347-SS0003	Safety Switch, Outside, West
4347-SS0004	Safety Switch, Outside, West
4347-SS0005	Safety Switch, Outside, West
4347-SS0006	Safety Switch, Outside, West
4347-SS0007	Safety Switch, Tower
4347-SS0008	Safety Switch, Tower
4347-SS0009	Safety Switch, Tower
4347-STRT0001	Starter, Tower
4348-ACMP0001	Air Compressor Unit, Rm 100, Inside - Disconnect at compressor
4348-CONT0001	Contact, High Bay, N. Wall
4348-DOOR0001	Roll-Up Door, W Side North High Bay
4348-DOOR0002	Roll-Up Door, E Side North High Bay
4348-DXAC0001	Direct Expansion AC Unit - Outside South, Disconnect at unit
4348-HTR0001	Unit Heater Electric, North High Bay, South Side
4348-HTR0002	Unit Heater Electric, North High Bay, South Side
4348-HTR0003	Unit Heater Electric, Break Room
4348-HTR0004	Unit Heater Electric, South High Bay, South Side
4348-HWHD0001	Hot Water Heater - Domestic, Rm 101A, Under Sink - Disconnect at heater
4348-PNL0001	Panel Board, Rm 100
4348-PNL0002	Panel Board, Rm 101
4348-PNL0003	Panel Board, Rm 101A
4348-ROOF0001	Roof, East Side, Bldg 4348
4348-ROOF0002	Roof, West Side, Bldg 4348
4348-SH0001	Safety Shower, Rm 101
4348-SS0001	Safety Switch, Outside, South
4348-SS0002	Safety Switch, Outside, South
4348-SS0003	Safety Switch, High Bay, N. Wall
4348-SS0004	Safety Switch, High Bay, N. Wall
4348-STRT0001	Starter, High Bay, N. Wall
4348-STRT0002	Starter, High Bay, S. Wall
4348-STRT0003	Starter, High Bay, S. Wall
4348-STRT0004	Starter, High Bay, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4353-ACMP0001	Air Compressor Controller, Rm 114/Rm E1 - Disconnect room E1
4353-ADRY0001	Air Dryer, Rm 114/Rm E1
4353-AH0001	Air Handling Unit, Rm Rm 114/Rm E1 - Disconnect room E1
4353-AH0001	Air Handling Unit, Rm Rm 114/Rm E1 - Disconnect room E1
4353-AH0002	Air Handling Unit, Rm 135/Rm E02 - Disconnect room E2
4353-AH0002	Air Handling Unit, Rm 135/Rm E02 - Disconnect room E2
4353-AH0003	Air Handling Unit, Rm 106 - Disconnect on unit
4353-AH0004	Air Handling Unit, RM 160/Rm E03 - Disconnect in room E3
4353-AH0005	Air Handling Unit, Rm 127 - Disconnect on unit
4353-BFP0001	Back Flow Preventer - Hot, Rm E1
4353-BPD0001	Buss Plug Disconnect, Room 130
4353-BPD0002	Buss Plug Disconnect, Room 130
4353-BPD0003	Buss Plug Disconnect, Room 130
4353-BPD0004	Buss Plug Disconnect, Room 130
4353-BPD0005	Buss Plug Disconnect, Room 130
4353-BPD0006	Buss Plug Disconnect, Room 130
4353-BPD0007	Buss Plug Disconnect, Room 130
4353-BPD0008	Buss Plug Disconnect, Room 130
4353-BPD0009	Buss Plug Disconnect, Room 130
4353-BPD0010	Buss Plug Disconnect, Room 130
4353-BPD0011	Buss Plug Disconnect, Room 130
4353-BPD0012	Buss Plug Disconnect, Room 130
4353-BPD0013	Buss Plug Disconnect, Room 130
4353-CBP0001	Circuit Breaker Panel, Room 106
4353-CBP0002	Circuit Breaker Panel, N. Outside
4353-CBS0001	Circuit Breaker Starter, Room 160, E-03
4353-CHWP0001	Chill Water Pump, Rm E01 - Disconnect room E1
4353-CHWP0002	Chill Water Pump, Rm E01 - Disconnect room E1
4353-COIL001A	Chilled Water Coil, AH0001, Rm 114/E-1
4353-COIL001B	Hot Water/Steam Coil, AH0001, Rm 114/E-1
4353-COIL002A	Chilled Water Coil, AH0002, Rm 135/E-2
4353-COIL002B	Hot Water/Steam Coil, AH0002, Rm 135/E-2
4353-COIL003A	Chilled Water Coil, AH0003, Rm 106
4353-COIL003B	Hot Water/Steam Coil, AH0003, Rm 106
4353-COIL004A	Chilled Water Coil, AH0004, Rm 160/E-3
4353-COIL004B	Hot Water/Steam Coil, AH0004, Rm 160/E-3
4353-COIL005A	Chilled Water Coil, AH0005, Rm 127
4353-COIL005B	Hot Water/Steam Coil, AH0005, Rm 127
4353-CONT0001	Contact, Room 114, E-01
4353-DOOR0001	Roll-Up Door, Rm 166
4353-DOOR0002	Roll-Up Door, Rm 108A
4353-EAF0001	Exhaust Blower Fan, Rm 150 - Disconnect at fan motor
4353-FAS0001	Fire Alarm System, Main Entrance South Side
4353-FID0001	Field Interface Device, Rm E01
4353-HUM0001	Humidifier, Rm 160/Rm E03 - Disconnect in room E3
4353-HUM0002	Humidifier, Rm 114/Rm E01 - Disconnect in room E1
4353-HWHD0001	Hot Water Heater - Domestic, Rm 109 - Disconnect at heater
4353-HWHD0002	Hot Water Heater - Domestic, Rm E01 - Disconnect room E1
4353-HWHD0003	Hot Water Heater - Domestic, Rm E01 - Disconnect room E1
4353-HWHD0004	Hot Water Heater - Domestic, Rm E01 - Disconnect room E1
4353-HWP0001	Hot Water Pump, Rm E01 - Disconnect room E1
4353-HWP0002	Hot Water Booster Pump, Rm. E-1
4353-LTS0001	Emergency Lighting - Dry Cell, Rm E1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4353-LTS0002	Emergency Lighting - Dry Cell, Hall near Rm 166
4353-LTS0003	Emergency Lighting - Dry Cell, Hall near Rm 116
4353-LTS0004	Emergency Lighting - Dry Cell, Hall near Rm 108
4353-LTS0005	Emergency Lighting - Dry Cell, Hall near Rm 121
4353-LTS0006	Emergency Lighting - Dry Cell, Hall near Rm 137
4353--LTS0006	Emergency Light, Hall At Room 137
4353-ODT0002	Oxygen Detection System, Rm 130 -Removed 6/4/03
4353-PNL0001	Panel Board, Rm 160/Rm E03
4353-PNL0002	Panel Board, Rm 160/Rm E03
4353-PNL0003	Panel Board, Rm 130
4353-PNL0004	Panel Board, Rm 130
4353-PNL0005	Panel Board, Rm 108
4353-PNL0006	Panel Board, Rm 106
4353-PNL0007	Panel Board, Rm 133
4353-PNL0008	Panel Board, RM E01
4353-PNL0009	Panel Board, Rm E01
4353-PNL0010	Panel Board, Rm E01
4353-PNL0011	Panel Board, Rm E01
4353-PNL0012	Panel Board, Rm E01
4353-PNL0013	Panel Board, Rm 108
4353-ROOF0001	Roof, North Side, Bldg 4353
4353-ROOF0002	Roof, Small Section, SESide, Bldg 4353
4353-ROOF0003	Roof, NE Side, Bldg 4353
4353-ROOF0004	Roof, South Side, Bldg 4353
4353-ROOF0005	Roof, West Side, Bldg 4353
4353-ROOF0006	Roof, East Side, Bldg 4353
4353-SH0001	Safety Shower, Rm 150
4353-SPR0001	Sprinkler System, Rm E01
4353-SS0001	Safety Switch, Room 109
4353-SS0002	Safety Switch, Closet, Room 106
4353-SS0003	Safety Switch, Room 130
4353-SS0004	Safety Switch, Room 150
4353-SS0005	Safety Switch, Room 114, E-01
4353-SS0006	Safety Switch, Room 114, E-01
4353-SS0007	Safety Switch, Room 114, E-01
4353-SS0008	Safety Switch, Room 114, E-01
4353-SS0009	Safety Switch, Room 114, E-01
4353-SS0010	Safety Switch, Room 160, E-03
4353-SS0011	Safety Switch, Room 160, E-03
4353-SS0012	Safety Switch, Room 135, E-02
4353-SS0013	Safety Switch, Room 135, E-02
4353-SS0014	Safety Switch, Room 135, E-02
4353-STRT0001	Starter, Room 150
4353-STRT0002	Starter, Room 114, E-01
4353-STRT0003	Starter, Room 114, E-01
4353-STRT0004	Starter, Room 114, E-01
4353-STRT0005	Starter, Room 114, E-01
4353-STRT0006	Starter, Room 114, E-01
4353-STRT0007	Starter, Room 114, E-01
4353-STRT0008	Starter, Room 114, E-01
4353-STRT0009	Starter, Room 114, E-01
4353-STRT0010	Starter, Room 114, E-01
4353-STRT0011	Starter, Room 114, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4353-STRT0012	Starter, Room 160, E-03
4353-STRT0013	Starter, Room 35, E-02
4353-STRT0014	Starter, Room 135, E-02
4353-STRT0015	Starter, Room 135, E-02
4353-TMR0001	Timer, Room 114, E-01
4353-TRP0001	Steam Trap, Outside, West side in Shed (024-00001)
4353-TRP0002	Steam Trap, Outside, West side in Shed (024-00002)
4353-TRP0003	Steam Trap, Rm 135/E-2 (024-00003)
4353-TRP0004	Steam Trap, Rm 135/E-2 (024-00004)
4353-TRP0005	Steam Trap, Rm 135/E-2 (024-00005)
4353-TRP0006	Steam Trap, Rm 114/E-1 (024-00006)
4353-TRP0007	Steam Trap, Rm 114/E-1 (024-00007)
4353-TRP0008	Steam Trap, Rm 114/E-1 (024-00008)
4353-TRP0009	Steam Trap, Rm 114/E-1 (024-00009)
4353-TRP0010	Steam Trap, Rm 114/E-1 (024-00010)
4353-TRP0011	Steam Trap, Rm 114/E-1 (024-00011)
4353-VSC0001	Variable Speed Control, Rm E1/114 Assoc w/ CHWP
4353-VSC0002	Variable Speed Controller, Room 114, E-01
4353-WFTR0001	Water Filter, Rm E01
4353-XFMR0001	Transformer, Outside North
4353-XFMR0002	Transformer, Rm 160/Rm E03
4353-XFMR0003	Transformer, Rm E01
4391-PNL0001	Panel Board, Southwest Column
4391-ROOF0001	Roof, Bldg 4391
4436-ACMP0001	Air Compressor Control, Rm 102/Rm E01 - Disconnect room E1
4436-ACMP0002	Air Compressor Control, Rm 116/Rm E02 - REMOVED
4436-ADRY0001	Air Dryer, Rm 116/Rm E02 - Disconnect room E2 - REMOVED
4436-AH0001	Air Handling Unit, Rm 116/Rm E02 - Disconnect room E2
4436-AH0002	Air Handling Unit, Fan Coil Unit, Rm 115 -
4436-ATS0001	Auto Transfer Switch, Outside North
4436-CBX0001	Control Box, E-02
4436-CBX0002	Control Box, Room 114
4436-CBX0003	Control Box, Room 114
4436-COIL001A	Chilled Water Coil, AH0001, Rm 116/E-2
4436-COIL001B	Hot Water/Steam Coil, AH0001, Rm 116/E-2
4436-COIL002A	Chilled Water Coil, AH0002, Rm 115
4436-COIL002B	Hot Water/Steam Coil, AH0002, Rm 115
4436-CRU0001	Computer Room Unit, Rm 112 - Disconnect at unit
4436-CRU0003	Computer Room Unit, Rm 112 - Disconnect at unit
4436-CRU0004	Computer Room Unit, Rm 109 - Disconnect at unit
4436-CRU0005	Computer Room Unit, Rm 109 - Disconnect at unit
4436-CRU0006	Computer Room Unit, Rm 112 - Disconnect at unit
4436-CRU0007	Computer Room Unit, Rm 112 - Disconnect at unit
4436-DOOR0001	Roll-Up Door, North Side - Disconnect at door
4436-FAS0001	Fire Alarm System, Rm 107
4436-GEN0001	Emergency Generator, North, Outside
4436-HST0001	1/2-Ton Chain Hoist, Rm 112
4436-HST0002	1/2-Ton Chain Hoist, Rm 114
4436-HST0003	1/2-Ton Chain Hoist, Rm 114
4436-HTR0001	Electric Unit Heater, E-01
4436-HTR0002	Electric Unit Heater, E-02
4436-HWHD0001	Hot Water Heater - Domestic, Rm 102/Rm E01 - Disconnect room E1
4436-LTS0001	Emergency Lighting - Dry Cell, Hall near Rm 101

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4436-LTS0002	Emergency Lighting - Dry Cell, Hall at Rm 115
4436-LTS0003	Emergency Lighting - Dry Cell, Hall at Rm 107
4436-LTS0004	Emergency Lighting - Dry Cell, Rm 103, Women's restroom
4436-LTS0005	Emergency Lighting - Dry Cell, Hall at Rm 101
4436-LTS0006	Emergency Lighting - Dry Cell, Rm 109, N Wall
4436-LTS0007	Emergency Lighting - Dry Cell, Hall at Rm 113
4436-LTS0008	Emergency Lighting , Fluor, Rm 112 West Addition SE
4436-LTS0009	Emergency Lighting , Fluor, Rm 112 West Addition SW
4436-LTS0010	Emergency Lighting , Fluor, Rm 112 West Addition Center
4436-LTS0011	Emergency Lighting , Fluor, Rm 112 West Addition NW
4436-PMP0001	Hydraulic Pump, Rm A114 - Disconnect at pump
4436-PMP0002	Hydraulic Pump, Rm A114 - Disconnect at pump
4436-PMP0003	Hydraulic Pump, Rm A114 - Disconnect at pump
4436-PMP0004	Hydraulic Pump, Rm A114 - Disconnect at pump
4436-PNL0001	Panel Board, Rm 112
4436-PNL0002	Panel Board, Rm 112
4436-PNL0003	Panel Board, Rm 109
4436-PNL0004	Panel Board, Rm 107
4436-PNL0005	Panel Board, Rm 109
4436-PNL0006	Panel Board, Rm 107
4436-PNL0007	Panel Board, Rm 107
4436-PNL0008	Panel Board, Rm 115
4436-PNL0009	Panel Board, Rm 112
4436-PNL0010	Panel Board, Rm 115
4436-PNL0011	Panel Board, Rm 112
4436-PNL0012	Panel Board, Outside North
4436-ROOF0001	Roof, Main, Bldg 4436
4436-ROOF0002	Roof, West End, Bldg 4436
4436-SPR0001	Sprinkler System, Rm 102/Rm E01
4436-SS0001	Safety Switch, E-02
4436-SS0002	Safety Switch, E-02
4436-SS0003	Safety Switch, E-01
4436-SS0004	Safety Switch, West, Outside
4436-SS0005	Safety Switch, West, Outside
4436-SS0006	Safety Switch, Room 114
4436-SS0007	Safety Switch, Room 114
4436-SS0008	Safety Switch, Room 114
4436-SS0009	Safety Switch, West, Outside
4436-STRT0001	Starter, E-02
4436-STRT0002	Starter, E-01
4436-SUB0001	Substation, North Side
4436-TMR0001	Timer, E-02
4436-UPS0001	UPS Power System, Rm 115
4436-VFD0001	Variable Frequency Drive, Room E-01, S. Wall
4436-VSC0001	Variable Speed Control, - Rm 102/E-1, South Wall
4436-XFMR0001	Transformer, Rm 116/Rm E02
4436-XFMR0002	Transformer, Room 115, New Rm.
4436-XFMR0003	Transformer, Outside, North
4436-XFMR0004	Transformer, Outside North
4464-AH0001	Air Handling Unit, Rm 200/Rm E2 - Disconnect room E2
4464-AH0001	Air Handling Unit, Rm 200/Rm E2 - Disconnect room E2
4464-AH0002	Air Handling Unit, Rm 200/Rm E2 - Disconnect room E2
4464-AH0003	Air Handling Unit, Rm 150 - Disconnect room 150

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4464-ATS0001	Auto Transfer Switch, SE Corner Inside
4464-CBP0001	Circuit Breaker Panel, Room 103
4464-CBS0001	Circuit Breaker Starter, 2ND Floor
4464-CBS0002	Circuit Breaker Starter, 2ND Floor
4464-CBS0003	Circuit Breaker Starter, 2ND Floor
4464-CBS0004	Circuit Breaker Starter, Equipment Room 120
4464-CBS0005	Circuit Breaker Starter, Equipment Room 150
4464-CHWP0001	Chill Water Pump, Rm 120/Rm E1 - Disconnect room E1
4464-CHWP0002	Chill Water Pump, Rm 120/Rm E1 - Disconnect room E1
4464-CHWP0003	Chill Water Pump, Rm 120/Rm E1 - Disconnect room E1
4464-COIL001A	Chilled Water Coil, AH0001, Rm 200/E-2
4464-COIL001B	Hot Water/Steam Coil, AH0001, Rm 200/E-2
4464-COIL002A	Chilled Water Coil, AH0002, Rm 200/E-2
4464-COIL002B	Hot Water/Steam Coil, AH0002, Rm 200/E-2
4464-COIL003A	Chilled Water Coil, AH0003, Rm 150
4464-COIL003B	Hot Water/Steam Coil, AH0003, Rm 150
4464-EW0001	Safety Eyewash, Inside East
4464-EW0002	Safety Eyewash, Inside East
4464-EW0003	Safety Eyewash, Inside East
4464-EW0004	Safety Eyewash, Inside East
4464-FAS0001	Fire Alarm System, North Entrance
4464-FID0001	Field Interface Device, Rm 200/Rm E2
4464-GEN0001	Emergency Generator, Outside South
4464-HWHD0001	Hot Water Heater - Domestic, Rm 102 Under Sink - Disconnect at heater
4464-HWHD0002	Hot Water Heater - Domestic, Rm 102 Under Sink - Disconnect at heater
4464-HWHD0003	Hot Water Heater - Domestic, Rm 102 Under Sink - Disconnect at heater
4464-HWHD0004	Hot Water Heater - Domestic, Rm 102 Under Sink - Disconnect at heater
4464-HWHD0005	Hot Water Heater - Domestic, Rm 200/Rm E2 - Disconnect room E2
4464-HWHD0006	Hot Water Heater - Domestic, Rm 150 - Disconnect room 150
4464-LTS0001	Emergency Lighting , Fluor, E. Entrance
4464-LTS0002	Emergency Lighting , Fluor, NE. Entrance
4464-LTS0003	Emergency Light, Room 111 West
4464-LTS0004	Emergency Lighting , Fluor, Rm 111
4464-LTS0005	Emergency Lighting , Fluor, Hall Near Rm 108
4464-LTS0006	Emergency Lighting , Fluor, Hall Near Rm 105
4464-LTS0007	Emergency Lighting , Fluor, Hall Near S Exit
4464-LTS0008	Emergency Lighting , Fluor, Rm 102
4464-LTS0009	Emergency Light, Room 102, Center North
4464-ODT0001	Oxygen Detection System, Rm 104, Walk in Cooler
4464-PMP0001	Pump, Rm 120/Rm E1 - Disconnect room E1
4464-PNL0001	Panel Board, Hallway Rm 104
4464-PNL0002	Panel Board, Hallway Rm 104
4464-PNL0003	Panel Board, Hallway Rm 104
4464-PNL0004	Panel Board, Rm 103
4464-PNL0005	Panel Board, Hallway, Rm 131
4464-PNL0006	Panel Board, Hallway, Rm 133
4464-PNL0007	Panel Board, Hallway, Rm 135
4464-PNL0008	Panel Board, Hallway, Rm 150
4464-RMU0001	Field Interface Device, 2ND Floor
4464-ROOF0001	Roof, Main, Bldg 4464
4464-SHEW0001	Safety Shower & Eyewash, Inside East
4464-SHEW0002	Safety Shower & Eyewash, RM 132
4464-SPR0001	Sprinkler System, Rm 120/Rm E1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4464-SS0001	Safety Switch, Room 101
4464-SS0002	Safety Switch, Room 101
4464-SS0003	Safety Switch, Room 101
4464-SS0004	Safety Switch, Room 101
4464-SS0005	Safety Switch, Room 101
4464-SS0006	Safety Switch, 2ND Floor
4464-SS0007	Safety Switch, 2ND Floor
4464-SS0008	Safety Switch, 2ND Floor
4464-SS0009	Safety Switch, 2ND Floor
4464-SS0010	Safety Switch, 2ND Floor
4464-SS0011	Safety Switch, 2ND Floor
4464-SS0012	Safety Switch, 2ND Floor
4464-SS0013	Safety Switch, 2ND Floor
4464-SS0014	Safety Switch, Outside, South
4464-SS0015	Safety Switch, Equipment Room 120
4464-SS0016	Safety Switch, Equipment Room 150
4464-STRT0001	Starter, Equipment Room 120
4464-STRT0002	Starter, Equipment Room 120
4464-UH0001	Unit Heater, Steam, E-1, Room 120
4464-UH0002	Unit Heater, Steam, Room 150
4464-VSC0001	Variable Speed Control, Rm 120 Assoc w/ CHWP
4464-XFMR0001	Transformer, Rm 101
4464-XFMR0002	Transformer, Mezzanine
4464-XFMR0003	Transformer, Rm 150
4465-CONT0001	Contactor, Rm. 100, N. Wall
4465-DOOR0001	Roll-Up Door, North Side - Disconnect at door
4465-DOOR0002	Roll-Up Door, South Side - Disconnect at door
4465-DXAC0001	Direct Expansion AC Unit, Rm 102 - Disconnect at unit
4465-DXAC0001	Direct Expansion AC Unit, Rm 102 - Disconnect at unit
4465-FAS0001	Fire Alarm System
4465-HTR0001	Unit Heater, Electric, Main High Bay
4465-HTR0002	Unit Heater, Electric, Main High Bay
4465-HTR0003	Unit Heater, Electric, Main High Bay
4465-HTR0004	Unit Heater, Electric, Main High Bay
4465-HTR0005	Unit Heater, Electric, Main High Bay
4465-HTR0006	Unit Heater, Electric, S. Storage Room
4465-HTR0007	Unit Heater, Electric, S. Storage Room
4465-HTR0008	Unit Heater, Electric, S. Storage Room
4465-LTS0001	Emergency Light, Rm. 100, Row 2,
4465-LTS0002	Emergency Light, Rm. 100, Row 2
4465-LTS0003	Emergency Light, Rm. 100, Row 2
4465-LTS0004	Emergency Light, Rm. 100, Row 4
4465-LTS0005	Emergency Light, Rm. 100, Row 4
4465-LTS0006	Emergency Light, Rm. 100, Row 4
4465-LTS0007	Emergency Light, Rm. 102, Row 1
4465-LTS0008	Emergency Light, Rm. 102, Row 1
4465-LTS0009	Emergency Light, Rm. 102, Row 1
4465-PNL0001	Panel Board, Rm 100 NE Corner
4465-PNL0002	Panel Board, Rm 100 NE Corner
4465-ROOF0001	Roof, Main, Bldg 4465
4465-SPR0001	Sprinkler System, NW Corner, Rm 100
4465-SS0001	Safety Switch, Outside, North
4465-SS0002	Safety Switch, Outside, East

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4465-SS0003	Safety Switch, Rm. 102, Ceiling Ac
4465-XFMR0001	Transformer, Rm. 100, N. Wall
4466-CBP0001	Circuit Breaker Panel, Room E-01
4466-CBP0002	Circuit Breaker Panel, Room E-01
4466-DOOR0001	Roll-Up Door, Manual, East Side
4466-DXAC0001	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4466-DXAC0001	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4466-FAS0001	Fire Alarm System, Hallway
4466-HWHD0001	Hot Water Heater - Domestic, Rm 101 - Disconnect at heater
4466-LTS0001	Emergency Lighting - Dry Cell, Rm 100 East Wall
4466-LTS0002	Emergency Lighting - Dry Cell, Rm 104 South Wall
4466-ODT0001	Oxygen Detection System, Rm 100B
4466-PNL0001	Panel Board, Rm 100, South Wall
4466-PNL0002	Panel Board, Rm 100, North Wall
4466-PNL0003	Panel Board, Rm 200, E-01
4466-PNL0004	Panel Board, Rm 200, E-01
4466-PNL0005	Panel Board, Rm 200, E-01
4466-PNL0006	Panel Board, Rm 100, North Wall
4466-PNL0007	Panel Board, Rm 100, South Wall
4466-ROOF0001	Roof, Main, Bldg 4466
4466-SS0001	Safety Switch, Outside North
4466-SS0002	Safety Switch, Room 101
4466-SSS0001	Starter Safety Switch, Room E-01
4466-XFMR0001	Transformer, Rm 200
4467-CBP0001	Circuit Breaker Panel, E-01
4467-CBX0001	Control Box, E-01
4467-DHUM0001	De-humidifier, Rm 104
4467-DXAC0001	Direct Expansion AC Unit Rm 105 - Disconnect in room E1 - Disconnect in room E1
4467-DXAC0001	Direct Expansion AC Unit Rm 105 - Disconnect in room E1 - Disconnect in room E1
4467-FAS0001	Fire Alarm System, North Entrance
4467-FRE0001	Frequency Converter, Rm 105
4467-HST0001	1/2-Ton Cable Hoist, Rm 108
4467-HWHD0001	Hot Water Heater - Domestic, Rm 105 - Disconnect room E1
4467-LTS0001	Emergency Lighting - Dry Cell, Hall
4467-ODT0001	Oxygen Detection System, Hallway
4467-PNL0001	Panel Board, Rm 105
4467-PNL0002	Panel Board, Rm 105
4467-PNL0003	Panel Board, Rm 105
4467-PNL0004	Panel Board, Rm 105
4467-PNL0005	Panel Board, Rm 105
4467-PNL0006	Panel Board, Rm 105
4467-PNL0007	Panel Board, Rm 108
4467-ROOF0001	Roof, South Side, Bldg 4467
4467-ROOF0002	Roof, Dome, Bldg 4467
4467-SPR0001	Sprinkler System, Rm 105
4467-SS0001	Safety Switch, Nw Corner, Outside
4467-SS0002	Safety Switch, E-01
4467-SS0003	Safety Switch, North Side Equipment Room
4467-SS0004	Safety Switch, West Side
4467-SS0005	Safety Switch, West Side
4467-STRT0002	Starter, E-01
4467-STRT0003	Starter, E-01
4467-XFMR0001	Transformer, Rm 105

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4467-XFMR0002	Transformer, E-01
4470-ADRY0001	Air Dryer, North Wall
4470-ADRY0002	Air Dryer, North Wall
4470-ATS0001	Auto Transfer Switch, Rm 100
4470-CONT0001	Contactor, Inside, North Wall
4470-CONT0002	Contactor, Inside, North Wall
4470-FAS0001	Fire Alarm System, Rm 100, West Wall
4470-GEN0001	Emergency Generator, East Outside
4470-PNL0001	Panel Board, Rm 100
4470-ROOF0001	Roof, Main, Bldg 4470
4470-SS0001	Safety Switch, Outside, N. On Pole
4471-ACMP0001	Air Compressor Controller, Rm 195A/Rm E08 - Disconnect in room E8
4471-ACMP0002	Air Compressor Controller, Rm 198D/Rm E04 - Disconnect in room E4
4471-ACMP0003	Air Compressor Controller, Rm 176/Rm E01 - Disconnect room E1
4471-ACMP0004	Air Compressor Controller, Rm A109G/Rm E06 - Disconnect in room E6
4471-ACMP0005	Air Compressor Controller, Rm 198C/Rm E09 - Disconnect in room E9
4471-ACMP0006	Air Compressor Controller, Rm 198C/Rm E09 - Disconnect in room E9
4471-ACMP0007	Air Compressor Controller, Rm 196F/Rm E07 - Disconnect in room E7
4471-ACMP0008	Air Compressor Controller, SW Corner
4471-ADRY0001	Air Dryer, Rm 176/Rm E01 - Disconnect room E1
4471-ADRY0002	Air Dryer, Rm 198D/Rm E04 - Disconnect at dryer
4471-ADRY0003	Air Dryer, Rm 196F/Rm E07 - Disconnect at dryer
4471-ADRY0004	Air Dryer, Rm 195A/Rm E08 - Disconnect at dryer
4471-AH0001	Air Handling Unit, Rm 184 - Disconnect on unit
4471-AH0002	Air Handling Unit, Over Model Shop, Rm 196 - Disconnect on unit
4471-AH0003	Air Handling Unit, Over Model Shop, Rm 196 - Disconnect on unit
4471-AH0004	Air Handling Unit, Rm 206 Overhead - Disconnect on unit
4471-AH0005	Air Handling Unit, Rm 182 - Disconnect on unit
4471-AH0006	Air Handling Unit, Rm 187C/Rm E10 - Disconnect in room E10
4471-AH0007	Air Handling Unit, Rm 162A Substore Area - Disconnect on unit
4471-AH0008	Air Handling Unit, Rm C105B/Rm E05 - Disconnect in room E5
4471-AH0008	Air Handling Unit, Rm C105B/Rm E05 - Disconnect in room E5
4471-AH0008	Air Handling Unit, Rm C105B/Rm E05 - Disconnect in room E5
4471-AH0009	Air Handling Unit, Rm A109G/Rm E06 - Disconnect in room E6
4471-AH0009	Air Handling Unit, Rm A109G/Rm E06 - Disconnect in room E6
4471-AH0010	Air Handling Unit, Rm 176/Rm E01 - Disconnect room E1
4471-AH0010	Air Handling Unit, Rm 176/Rm E01 - Disconnect room E1
4471-AH0010	Air Handling Unit, Rm 176/Rm E01 - Disconnect room E1
4471-AH0011	Air Handling Unit, Rm 179B/Rm E02 - Disconnect room E2
4471-AH0011	Air Handling Unit, Rm 179B/Rm E02 - Disconnect room E2
4471-AH0012	Air Handling Unit, Rm 195A/Rm E08 - Disconnect in room E8
4471-AH0012	Air Handling Unit, Rm 195A/Rm E08 - Disconnect in room E8
4471-AH0014	Air Handling Unit, Rm 188A/Rm E03 - Disconnect in room E3
4471-AH0014	Air Handling Unit, Rm 188A/Rm E03 - Disconnect in room E3
4471-AH0015	Air Handling Unit, Attic - Disconnect on unit
4471-AH0016	Air Handling Unit, Attic - Disconnect on unit
4471-AH0017	Air Handling Unit, Attic - Disconnect on unit
4471-AH0018	Air Handling Unit, Attic - Disconnect on unit
4471-ATS0001	Auto Transfer Switch, Rm C108
4471-BFP0001	Back Flow Preventer - Chilled, Rm 176/ E01
4471-BFP0002	Back Flow Preventer - Hot & Chilled, Rm 198D/ E04
4471-CBP0001	Circuit Breaker Panel, Room E-01
4471-CBP0002	Circuit Breaker Panel, Room E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-CBP0004	Circuit Breaker Panel, Room C108
4471-CBP0005	Circuit Breaker Panel, Room C108
4471-CBP0006	Circuit Breaker Panel, Room 178A
4471-CHLR0001	Water Chiller, Rm 198D/Rm E04
4471-CHWP0001	Chill Water Pump, Rm 198D/Rm E04 - Disconnect in room E4
4471-CHWP0001	Chill Water Pump, Rm 198D/Rm E04 - Disconnect in room E4
4471-CHWP0002	Chill Water Pump, Rm 176/Rm E01 - Disconnect room E1
4471-CHWP0003	Chill Water Pump, Rm 176/Rm E01 - Disconnect room E1
4471-CHWP0003	Chill Water Pump, Rm 176/Rm E01 - Disconnect room E1
4471-COIL001A	Chilled Water Coil, AH0001, Rm 184
4471-COIL001B	Hot Water/Steam Coil, AH0001, Rm 184
4471-COIL002A	Chilled Water Coil, AH0002, Over Model Shop, Rm 196
4471-COIL002B	Hot Water/Steam Coil, AH0002, Over Model Shop, Rm 196
4471-COIL003A	Chilled Water Coil, AH0003, Over Model Shop, Rm 196
4471-COIL003B	Hot Water/Steam Coil, AH0003, Over Model Shop, Rm 196
4471-COIL005A	Chilled Water Coil, AH0005, Rm 182
4471-COIL005B	Hot Water/Steam Coil, AH0005, Rm 182
4471-COIL006A	Chilled Water Coil, AH0006, Rm 187C/E-10
4471-COIL006B	Hot Water/Steam Coil, AH0006, Rm 187/E-10
4471-COIL007A	Chilled Water Coil, AH0007, Rm 162A
4471-COIL007B	Hot Water/Steam Coil, AH0007, Rm 162A
4471-COIL008A	Chilled Water Coil, AH0008, Rm C105B/E-5
4471-COIL008B	Hot Water/Steam Coil, AH0008, Rm C105B/E-5
4471-COIL009A	Chilled Water Coil, AH0009, Rm A109G/E-6
4471-COIL009B	Hot Water/Steam Coil, AH0009, Rm A109G/E-6
4471-COIL010A	Chilled Water Coil, AH0010, Rm 176/E-1
4471-COIL010B	Hot Water/Steam Coil, AH0010, Rm 176/E-1
4471-COIL011A	Chilled Water Coil, AH0011, Rm 179B/E-2
4471-COIL011B	Hot Water/Steam Coil, AH0011, Rm 179B/E-2
4471-COIL012A	Chilled Water Coil, AH0012, Rm 195A/E-8
4471-COIL012B	Hot Water/Steam Coil, AH0012, Rm 195A/E-8
4471-COIL014A	Chilled Water Coil, AH0014, Rm 188A/E-3
4471-COIL014B	Hot Water/Steam Coil, AH0014, Rm 188A/E-3
4471-COIL015A	Chilled Water Coil, AH0015, Attic
4471-COIL015B	Hot Water/Steam Coil, AH0015, Attic
4471-COIL016A	Chilled Water Coil, AH0016, Attic
4471-COIL016B	Hot Water/Steam Coil, AH0016, Attic
4471-COIL017A	Chilled Water Coil, AH0017, Attic
4471-COIL017B	Hot Water/Steam Coil, AH0017, Attic
4471-COIL018A	Chilled Water Coil, AH0018, Attic
4471-COIL018B	Hot Water/Steam Coil, AH0018, Attic
4471-CONT0001	Contactor, Room C108
4471-CONT0002	Contactor, Room 187C
4471-CONT0004	Contactor, Room 178, S. Wall
4471-CONT0005	Contactor, Room 188J, Rec. Area
4471-CONT0006	Contactor, Room 188J, Rec. Area
4471-CONT0007	Contactor, Room 188J, Rec. Area
4471-CONT0008	Contactor, Room 188J, Rec. Area
4471-CONT0009	Contactor, Room 188J, Rec. Area
4471-CONT0010	Contactor, Room 188J, Rec. Area
4471-CONT0011	Contactor, Room 188J, Rec. Area
4471-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4471-DOOR0002	Roll-Up Door, South Side - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-DOOR0003	Roll-Up Door, West Side - Disconnect at door
4471-DOOR0004	Roll-Up Door, West Side - Disconnect at door
4471-DOOR0005	Roll-Up Door, West Side - Disconnect at door
4471-DOOR0006	Roll-Up Door, Model Shop, Rm 196 - Disconnect at door
4471-DOOR0007	Roll-Up Door Manual, Rm 173
4471-DOOR0008	Roll-Up Door Manual, Rm 192C
4471-DOOR0009	Roll-Up Door Manual, Rm 192C
4471-DOOR0010	Roll-Up Door Electric, Rm 188J
4471-DOOR0011	Roll-Up Door Manual, Rm 188J
4471-DOOR0012	Roll-Up Door Manual, Rm 188J
4471-DXAC0001	Direct Expansion AC Unit, Rm C110 - Disconnect at unit
4471-DXAC0001	Direct Expansion AC Unit, Rm C110 - Disconnect at unit
4471-EW0001	Safety Eyewash, Rm 191
4471-EW0002	Emergency Eyewash Port, Rm 192C
4471-FAS0001	Fire Alarm System, North Entrance
4471-FID0001	Field Interface Device, Rm 176/Rm E01
4471-FID0002	Field Interface Device, Rm C108B
4471-FSS0001	Fire Suppression System, Rm 178A
4471-GEN0001	Emergency Generator, NE Outside
4471-HV0001	Heating Vent, Rm 188J, West End
4471-HV0002	Heating Vent, Rm 188J, West End
4471-HV0003	Heating Vent, Rm 188J, West End
4471-HV0004	Heating Vent, Rm 188J, West End
4471-HV0005	Heating Vent, South Center
4471-HV0006	Heating Vent, Rm 178E, South Side
4471-HV0007	Heating Vent, Rm 178E
4471-HV0008	Heating Vent, Rm 188J
4471-HV0009	Heating Vent, Rm 188J East End
4471-HV0010	Heating Vent, Over Model Shop, Rm 196
4471-HV0011	Heating Vent, Over Model Shop, Rm 196
4471-HWHD0001	Hot Water Heater - Domestic, Rm 192G - Disconnect at heater
4471-HWHD0002	Hot Water Heater - Domestic, Rm C108 - Disconnect at heater
4471-HWHD0003	Hot Water Heater - Domestic, Rm 192F- Disconnect at heater
4471-HWHD0004	Hot Water Heater - Domestic, Rm 191 - Disconnect at heater
4471-HWHD0005	Hot Water Heater - Domestic, Rm E04 - Disconnect in room E4
4471-HWHD0006	Hot Water Heater - Domestic, Rm 178A - Disconnect at heater
4471-HWHD0007	Hot Water Heater - Domestic, Rm 178A - Disconnect at heater
4471-HWHD0009	Hot Water Heater - Domestic, Rm A107 - Disconnect at heater
4471-HWP0001	Hot Water Pump, Rm C105B/Rm E05 - Disconnect in room E4
4471-HWP0002	Hot Water Pump, Rm C105B/Rm E05 - Disconnect in room E5
4471-HWP0003	Hot Water Pump, Rm 198D/Rm E04 - Disconnect in room E4
4471-ICE0001	Ice MacHine, Rm 178A
4471-KGRL0001	Grille, Cafeteria, Rm 178A
4471-KVHD0001	Vent Hood, Cafeteria, Rm 178A
4471-KVHD0002	Vent Hood, Kitchen, Rm 178A
4471-LTS0001	Emergency Lighting - Dry Cell, Hall near Rm B101
4471-LTS0002	Emergency Lighting - Dry Cell, Hall near Rm A108
4471-LTS0003	Emergency Lighting - Dry Cell, Hall near Rm C108B
4471-LTS0004	Emergency Lighting - Dry Cell, Hall near Rm A114
4471-LTS0005	Emergency Lighting - Dry Cell, Hall near Rm C114
4471-LTS0006	Emergency Lighting - Dry Cell, Hall near Rm C111
4471-LTS0007	Emergency Lighting - Dry Cell, Hall near Rm C101
4471-LTS0008	Emergency Lighting - Dry Cell, Hall near Rm 232

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-LTS0009	Emergency Lighting - Dry Cell, Hall near Rm 214
4471-LTS0010	Emergency Lighting - Dry Cell, Outside Rm 152
4471-LTS0011	Emergency Lighting - Dry Cell, Rm 152
4471-LTS0012	Emergency Lighting - Dry Cell, Rm 182
4471-LTS0013	Emergency Lighting - Dry Cell, Holding Area
4471-LTS0014	Emergency Lighting - Dry Cell, Ship & Rec S Wall
4471-LTS0015	Emergency Lighting - Dry Cell, Ship & Rec S Wall
4471-LTS0016	Emergency Lighting - Dry Cell, Ship & Rec W Wall
4471-LTS0017	Emergency Lighting - Dry Cell, Ship & Rec NW Wall
4471-LTS0018	Emergency Lighting - Dry Cell, Ship/Rec NW Center
4471-LTS0019	Emergency Lighting - Dry Cell, Rm 178A
4471-LTS0020	Emergency Lighting - Dry Cell, Rm 191, Upstaris
4471-LTS0021	Emergency Lighting - Dry Cell, Rm 191 at Stairs
4471-LTS0022	Emergency Lighting - Dry Cell, Rm 191A.
4471-LTS0023	Emergency Lighting - Dry Cell, Rm 192
4471-LTS0024	Emergency Lighting - Dry Cell, Rm 192
4471-LTS0025	Emergency Light, Room A110, Womens Brm.
4471-LTS0026	Emergency Light, Room 155, Womens Brm.
4471-MCC0001	Motor Control Center, Rm C108B
4471-ODT0001	Oxygen Detection System, Hall Near Rm 213
4471-PLFT0001	Personnel Lift, Outside South - Disconnect at lift
4471-PNL0001	Panel Board, Rm 176/Rm E01
4471-PNL0002	Panel Board, Hallway at Rm C108B
4471-PNL0003	Panel Board, Outside Rm C108A
4471-PNL0004	Panel Board, Outside Rm C108A
4471-PNL0005	Panel Board, Rm C108B
4471-PNL0006	Panel Board, Outside Rm C105
4471-PNL0007	Panel Board, Rm A111
4471-PNL0008	Panel Board, Rm A111
4471-PNL0009	Panel Board, Rm A111
4471-PNL0010	Panel Board, Rm A107
4471-PNL0011	Panel Board, Rm 215
4471-PNL0012	Panel Board, Outside Rm 210
4471-PNL0013	Panel Board, Rm 208
4471-PNL0014	Panel Board, Outside Rm 216
4471-PNL0015	Panel Board, Outside Rm 216
4471-PNL0016	Panel Board, Outside Rm 216
4471-PNL0017	Panel Board, Rm 218
4471-PNL0018	Panel Board, Rm 173A
4471-PNL0019	Panel Board, Rm 173A
4471-PNL0020	Panel Board, Rm 173A
4471-PNL0021	Panel Board, Rm 173A
4471-PNL0022	Panel Board, Outside 176/Rm E01
4471-PNL0023	Panel Board, Outside 176/Rm E01
4471-PNL0024	Panel Board, Hallway outside Cafeteria
4471-PNL0025	Panel Board, Rm 178F South Wall
4471-PNL0026	Panel Board, Rm 178F South Wall
4471-PNL0027	Panel Board, Rm 178F South Wall
4471-PNL0028	Panel Board, Rm 198C/Rm E09
4471-PNL0029	Panel Board, Rm 182
4471-PNL0030	Panel Board, Rm 182
4471-PNL0031	Panel Board, Rm 181
4471-PNL0032	Panel Board, Rm 192C

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-PNL0033	Panel Board, Rm 192C
4471-PNL0034	Panel Board, Rm 192C
4471-PNL0035	Panel Board, Rm 196
4471-PNL0036	Panel Board, Rm 196F/Rm E07
4471-PNL0037	Panel Board, Rm 196F/Rm E07
4471-PNL0038	Panel Board, Rm 196F/Rm E07
4471-PNL0039	Panel Board, Rm 191 South Wall
4471-PNL0040	Panel Board, Rm 191 South Wall
4471-PNL0041	Panel Board, Rm 191 South Wall
4471-PNL0042	Panel Board, Rm 191 West Wall
4471-PNL0043	Panel Board, Outside Rm 187C/Rm E10
4471-PNL0044	Panel Board, Rm 187
4471-PNL0045	Panel Board, Rm 184
4471-PNL0046	Panel Board, Rm 177
4471-PNL0047	Panel Board, Rm 177
4471-PNL0048	Panel Board, Rm 177
4471-PNL0049	Panel Board, Rm 177A
4471-PNL0050	Panel Board, Rm 177B
4471-PNL0051	Panel Board, Rm 171
4471-PNL0052	Panel Board, Rm 170
4471-PNL0053	Panel Board, Rm 170
4471-PNL0054	Panel Board, Rm 162A
4471-PNL0055	Panel Board, Rm 198D/Rm E04
4471-PNL0056	Panel Board, Rm 198D/Rm E04
4471-PNL0057	Panel Board, Rm C111
4471-PNL0058	Panel Board, Rm 182
4471-PNL0059	Panel Board, Rm 188A/Rm E03
4471-PNL0060	Panel Board, Rm 188A/Rm E03
4471-PNL0061	Panel Board, Rm 188A/Rm E03
4471-PNL0062	Panel Board, Rm 188J
4471-PNL0063	Panel Board, Rm 178F
4471-PNL0064	Panel Board, Cafeteria, Rm 178A
4471-PNL0065	Panel Board, Rm 178F, Kitchen
4471-PNL0066	Panel Board, Rm 178F, Kitchen
4471-PNL0067	Panel Board, PABX, Rm C108
4471-PNL0068	Panel Board, Rm 178, Paper Rm.
4471-RAF0012	Return Air Fan, Rm 195A/Rm E08 - Disconnect in room E8
4471-ROOF0001	Roof, Main, Bldg 4471
4471-ROOF0002	Roof, West & South, Bldg 4471
4471-ROOF0003	Roof, North, Bldg 4471
4471-SH0001	Safety Shower Rm 191D
4471-SPR0001	Sprinkler System, Rm A109G/Rm E06
4471-SPR0002	Sprinkler System, Rm 198C/Rm E09
4471-SPR0003	Sprinkler System, Rm 198C/Rm E09
4471-SPR0004	Sprinkler System, SW Corner
4471-SPR0005	Sprinkler System, West End
4471-SPR0006	Sprinkler System, Rm 196
4471-SS0001	Safety Switch, Room E-01
4471-SS0002	Safety Switch, Room E-01
4471-SS0003	Safety Switch, Room E-01
4471-SS0004	Safety Switch, Room E-01
4471-SS0005	Safety Switch, Room E-01
4471-SS0006	Safety Switch, Room E-01

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-SS0007	Safety Switch, Room E-01
4471-SS0008	Safety Switch, Room E-04
4471-SS0009	Safety Switch, S. Yard On Cooling Twr.
4471-SS0010	Safety Switch, S. Yar, Dust Collector
4471-SS0011	Safety Switch, S. Yard, By Coolong Tower
4471-SS0012	Safety Switch, Room E-03
4471-SS0013	Safety Switch, Room E-03
4471-SS0014	Safety Switch, Room E-03
4471-SS0015	Safety Switch, Room E-03
4471-SS0016	Safety Switch, Room E-08
4471-SS0017	Safety Switch, Room E-08
4471-SS0018	Safety Switch, Room E-08
4471-SS0019	Safety Switch, Room E-08
4471-SS0020	Safety Switch, Room E-08
4471-SS0021	Safety Switch, N. Yard, At Old Dust Coll.
4471-SS0022	Safety Switch, N. Yard, On Old Dust Coll.
4471-SS0023	Safety Switch, N. Yard, By Gen.
4471-SS0024	Safety Switch, N. Yard, By Gen
4471-SS0025	Safety Switch, N. Yard, By Gen.
4471-SS0026	Safety Switch, Room E-05
4471-SS0027	Safety Switch, Room E-05
4471-SS0028	Safety Switch, Room E-05
4471-SS0029	Safety Switch, Room E-05
4471-SS0030	Safety Switch, Room E-05
4471-SS0031	Safety Switch, Room C108B
4471-SS0032	Safety Switch, Room C111
4471-SS0033	Safety Switch, Room C109A
4471-SS0034	Safety Switch, Room C109A
4471-SS0035	Safety Switch, Room A109G, E-06
4471-SS0036	Safety Switch, Room E-06
4471-SS0037	Safety Switch, Room 215
4471-SS0038	Safety Switch, Room 215
4471-SS0039	Safety Switch, Room 215
4471-SS0040	Safety Switch, Room 215,
4471-SS0041	Safety Switch, Room 215
4471-SS0042	Safety Switch, Room 218
4471-SS0043	Safety Switch, Room 218
4471-SS0044	Safety Switch, Room 218
4471-SS0045	Safety Switch, Room 178
4471-SS0046	Safety Switch, Room E-09
4471-SS0047	Safety Switch, Room E-09
4471-SS0048	Safety Switch, Room E-09
4471-SS0049	Safety Switch, Room 178, W. Wall
4471-SS0050	Safety Switch, Room 178, N. Wall
4471-SS0051	Safety Switch, Room 178, S. Wall
4471-SS0052	Safety Switch, Room 178, S. Wall
4471-SS0053	Safety Switch, Room 178, S. Wall
4471-SS0054	Safety Switch, Room 178, S. Wall
4471-SS0055	Safety Switch, Room 178, S. Wall
4471-SS0056	Safety Switch, Room 178, S. Wall
4471-SS0057	Safety Switch, Room 178, S. Wall
4471-SS0058	Safety Switch, Room 178, S. Wall
4471-SS0059	Safety Switch, Room 178, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-SS0060	Safety Switch, Room 178, S. Wall
4471-SS0061	Safety Switch, Room 178, S. Wall
4471-SS0061A	Safety Switch, Room 188J, E, Wall
4471-SS0062	Safety Switch, Room 188J, Loading Dock
4471-SS0063	Safety Switch, Room 188J, Loading Dock
4471-SS0064	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0065	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0066	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0067	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0068	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0069	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0070	Safety Switch, Rm. 188J, Rec. Area, S. Wall
4471-SS0071	Safety Switch, Rm. 188J, Rec. Area, W. Wall
4471-SS0072	Safety Switch, Rm 188J, Rec. Area, W. Wall
4471-SS0073	Safety Switch, Rm. 188J, Rec. Area, W. Wall
4471-SS0074	Safety Switch, Rm. 188J, Rec. Area, W. Wall
4471-SS0075	Safety Switch, Rm. 188J, Rec. Area, N. Wall
4471-SS0076	Safety Switch, Room 191, S. Wall
4471-SS0077	Safety Switch, Room 191, Paint Stor. Rm.
4471-SS0078	Safety Switch, Room 191, S. Wall
4471-SS0079	Safety Switch, Room 191, S. Wall
4471-SS0080	Safety Switch, Room 191H
4471-SS0081	Safety Switch, Room 191H
4471-SS0082	Safety Switch, Room 191, W. Wall
4471-SS0083	Safety Switch, Room 191, N. Wall
4471-SS0084	Safety Switch, Room 191, N. Wall
4471-SS0085	Safety Switch, Room 191, N. Wall
4471-SS0086	Safety Switch, Room 191, N. Wall
4471-SS0087	Safety Switch, Room 191, N. Wall
4471-SS0088	Safety Switch, Room 191, N. Wall
4471-SS0089	Safety Switch, Room 191, E. Wall
4471-SS0090	Safety Switch, Room 191, E. Wall
4471-SS0091	Safety Switch, Room 191, E. Wall
4471-SS0092	Safety Switch, Room 191A
4471-SS0093	Safety Switch, Room 192F, Mens Br
4471-SS0094	Safety Switch, Room 192C, S. Wall
4471-SS0095	Safety Switch, Room 192C, W. Wall
4471-SS0096	Safety Switch, Room 192C, W. Wall
4471-SS0097	Safety Switch, Room 195, W. Wall
4471-SS0098	Safety Switch, Room 195, N. Wall
4471-SS0099	Safety Switch, Room 195, N. Wall
4471-SS0100	Safety Switch, Room 195, N. Wall
4471-SS0101	Safety Switch, Room 196D
4471-SS0102	Safety Switch, Room 196F, E-07
4471-SS0103	Safety Switch, Room 196F, E-07
4471-SS0104	Safety Switch, Room 196F, E-07
4471-SS0105	Safety Switch, Room 196F, E-07
4471-SS0106	Safety Switch, Room 196F, E-07
4471-SS0107	Safety Switch, Room 196F, E-07
4471-SS0108	Safety Switch, Room 196F, E-07
4471-SS0109	Safety Switch, Room 196F, E-07
4471-SS0110	Safety Switch, Room 196F, E-07
4471-SS0111	Safety Switch, Room 196F, E-07

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-SS0112	Safety Switch, Room 196F, E-07
4471-SS0113	Safety Switch, Room 196F, E-07
4471-SS0114	Safety Switch, Room 196F, E-07
4471-SS0115	Safety Switch, Room 196F, E-07
4471-SS0116	Safety Switch, Room 196F, E-07
4471-SS0117	Safety Switch, Room 196F, E-07
4471-SS0118	Safety Switch, Room 196F, E-07
4471-SS0119	Safety Switch, Room 196F, E-07
4471-SS0120	Safety Switch, Room 196F, E-07
4471-SS0121	Safety Switch, Room 177
4471-SS0122	Safety Switch, Room 177
4471-SS0123	Safety Switch, Room 177
4471-SS0124	Safety Switch, Room 177A
4471-SS0125	Safety Switch, Room 170
4471-SS0126	Safety Switch, Room 184
4471-SS0127	Safety Switch, Room 187C
4471-SS0128	Safety Switch, Room 191
4471-SS0129	Safety Switch, Room 188
4471-SS0130	Safety Switch, Room 182
4471-SS0131	Safety Switch, Room 182
4471-SS0132	Safety Switch, Room 182
4471-SS0133	Safety Switch, Room 182
4471-SS0134	Safety Switch, Room 182
4471-SS0135	Safety Switch, Room E-02
4471-SS0136	Safety Switch, Room E-02
4471-SS0137	Safety Switch, Room E-02
4471-SS0138	Safety Switch, Room E-03
4471-SS0139	Safety Switch, Room 178A
4471-SS0140	Safety Switch, Room 178A
4471-SS0141	Safety Switch, Room 178A
4471-SS0142	Safety Switch, Room 178A
4471-SS0143	Safety Switch, Room 178A
4471-SS0144	Safety Switch, Room 178A
4471-SS0145	Safety Switch, Room 178A
4471-SS0146	Safety Switch, Room E-01
4471-SSS0001	Starter Safety Switch, Room E-04
4471-SSS0002	Starter Safety Switch, Room E-04
4471-SSS0003	Starter Safety Switch, Room E-04
4471-SSS0004	Starter Safety Switch, Room E-04
4471-SSS0005	Starter Safety Switch, Room E-04
4471-SSS0006	Starter Safety Switch, Room E-04
4471-SSS0007	Starter Safety Switch, Room E-04
4471-SSS0008	Starter Safety Switch, Room E-04
4471-SSS0009	Starter Safety Switch, Room E-04
4471-SSS0010	Starter Safety Switch, Room E-05
4471-SSS0015	Starter Safety Switch, Room E-09
4471-SSS0016	Starter Safety Switch, Room 178, S. Wall
4471-SSS0017	Starter Safety Switch, Room 188J, Rec. Area
4471-SSS0018	Starter Safety Switch, Room 191, S. Wall
4471-SSS0020	Starter Safety Switch, Room 162A
4471-SSS0021	Starter Safety Switch, Room 184
4471-STRT0001	Starter, Room E-01
4471-STRT0002	Starter, Room E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-STRT0003	Starter, Room E-04
4471-STRT0004	Starter, Room E-04
4471-STRT0005	Starter, Room E-04
4471-STRT0006	Starter, Room E-04
4471-STRT0007	Starter, Room E-04
4471-STRT0008	Starter, Room E-03
4471-STRT0009	Starter, Room E-08
4471-STRT0010	Starter, Room E-08
4471-STRT0011	Starter, Room E-08
4471-STRT0012	Starter, Room E-08
4471-STRT0013	Starter, Room E-05
4471-STRT0014	Starter, Room E-05
4471-STRT0015	Starter, Room E-05
4471-STRT0016	Starter, Room E-06
4471-STRT0017	Starter, Room 191, E. Wall
4471-STRT0018	Starter, Room E-09
4471-STRT0019	Starter, Room E-09
4471-STRT0020	Starter, Room E-09
4471-STRT0021	Starter, Room E-09
4471-STRT0022	Starter, Room E-09
4471-STRT0023	Starter, Room 178, W. Wall
4471-STRT0024	Starter, Room 178, N. Wall
4471-STRT0025	Starter, Room 178, N. Wall
4471-STRT0025A	Starter, Room 178, E. Wall
4471-STRT0026	Starter, Room 188J, At Dock Door
4471-STRT0027	Starter, Room 188J, Rec. Area
4471-STRT0028	Starter, Room 188J, Rec. Area
4471-STRT0029	Starter, Room 188J, Rec. Area
4471-STRT0030	Starter, Room 188J, Rec. Area
4471-STRT0031	Starter, Room 188J, Rec. Area
4471-STRT0031A	Starter, Room 188J, Rec. Area
4471-STRT0032	Starter, Room 188J, Rec. Area
4471-STRT0033	Starter, Room 191D
4471-STRT0034	Starter, Room 191D
4471-STRT0035	Starter, Room 191D
4471-STRT0036	Starter, Room 191, W. Wall
4471-STRT0037	Starter, Room 191, N. Wall
4471-STRT0038	Starter, Room 191, E. Wall
4471-STRT0039	Starter, Room 191, E. Wall
4471-STRT0040	Starter, Room 195, W. Wall
4471-STRT0041	Starter, Room 195, N. Wall
4471-STRT0042	Starter, Room 195, N. Wall
4471-STRT0043	Starter, Room 195, N. Wall
4471-STRT0044	Starter, Room 196F, E-07
4471-STRT0045	Starter, Room 187C
4471-STRT0046	Starter, Room 182
4471-SUB0001	Substation, NE End
4471-SUB0002	Substation, NW End
4471-SWBD0001	Switch Board, Rm 176/Rm E01
4471-SWBD0002	Switch Board, Rm C108B
4471-TMR0001	Timer, Room E-04
4471-TMR0002	Timer, Room E-08
4471-TMR0003	Timer, Room A114A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4471-UH0001	Unit Heater Electric, E-1
4471-UH0002	Unit Heater Steam, E-3
4471-UH0003	Unit Heater Steam, E-8
4471-UH0004	Unit Heater Steam, Rm 170
4471-UH0005	Unit Heater Steam, Rm 177A
4471-UH0006	Unit Heater Electric, Rm 153
4471-UH0007	Unit Heater Electric, Rm 187A
4471-UH0008	Unit Heater Steam, Rm 196
4471-UH0009	Unit Heater Steam, Rm 196
4471-UH0010	Unit Heater Steam, Rm 196
4471-UH0011	Unit Heater Steam, Rm 196
4471-UH0012	Unit Heater Steam, Rm 196
4471-UH0013	Unit Heater Steam, Rm 195
4471-UH0014	Unit Heater Steam, Rm 192C
4471-UH0015	Unit Heater Steam, Rm 192C
4471-UH0016	Unit Heater Steam, Rm 192C
4471-VFD0001	Variable Frequency Drive, Room E-01
4471-VFD0002	Variable Frequency Drive, Room E-04
4471-VSC0001	Variable Speed Control, Rm 176 Assoc w/ CHWP
4471-XFMR0001	Transformer, Rm 176/Rm E01
4471-XFMR0002	Transformer, Rm C108
4471-XFMR0003	Transformer, Rm C108B
4471-XFMR0004	Transformer, Rm C108B
4471-XFMR0005	Transformer, Rm 215
4471-XFMR0006	Transformer, Rm 215
4471-XFMR0007	Transformer, Rm 173A
4471-XFMR0008	Transformer, Rm 173A
4471-XFMR0009	Transformer, Rm 178F South Wall
4471-XFMR0010	Transformer, Rm 178F South Wall
4471-XFMR0011	Transformer, Rm 179B/Rm E02
4471-XFMR0012	Transformer, Rm 182
4471-XFMR0013	Transformer, Room 192C
4471-XFMR0014	Transformer, Rm 196F/Rm E07
4471-XFMR0015	Transformer, Across from 196F/Rm E07
4471-XFMR0016	Transformer, 178F, Kitchen
4472-ACMP0001	Air Compressor Control, Rm 10/Rm E01 - Disconnect room E1
4472-CONT0001	Contact, Room E-01
4472-CONT0002	Contact, Room E-01
4472-DOOR0001	Roll-Up Door, SE Side - Disconnect at door
4472-DUST0001	Dust Collector, NE Corner, Outside
4472-DXAC0001	Direct Expansion AC Unit, West End - Disconnect at unit
4472-DXAC0001	Direct Expansion AC Unit, West End - Disconnect at unit
4472-HWHD0001	Hot Water Heater - Domestic, South Side - Disconnect at heater
4472-PNL0001	Panel Board, Rm 6, East Wall
4472-PNL0002	Panel Board, Rm 6, East Wall
4472-PNL0003	Panel Board, Rm 6, East Wall
4472-ROOF0001	Roof, Main, Bldg 4472
4472-ROOF0002	Roof, West Side, Bldg 4472
4472-ROOF0003	Roof, East Side, Bldg 4472
4472-ROOF0004	Roof, West Side Awning, Bldg 4472
4472-SS0001	Safety Switch, Ceiling Air Handler
4472-SS0002	Safety Switch, Room 6, S. Wall
4472-SS0003	Safety Switch, Room 6, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4472-SS0004	Safety Switch, Room 6, N. Wall
4472-SS0005	Safety Switch, Room 6, N. Wall
4472-SS0006	Safety Switch, Room 6, W. Wall
4472-SS0007	Safety Switch, Room E-01
4472-SS0008	Safety Switch, Room E-01
4472-SS0009	Safety Switch, Room E-01
4472-SS0010	Safety Switch, , Eastoutside
4472-SS0011	Safety Switch, Outside, West
4472-SSS0001	Starter Safety Switch, Room 9, E. Wall
4472-STRT0001	Starter, Room 6, E. Wall
4472-STRT0002	Starter, Room 6, E. Wall
4472-STRT0003	Starter, Room 6, E. Wall
4472-STRT0004	Starter, Room 6, E. Wall
4472-STRT0005	Starter, Room E-01
4472-TMR0001	Timer, Room 6, E. Wall
4472-TMR0002	Timer, Room 6, E. Wall
4473-ACMP0001	Air Compressor Control, Rm 1000 - Disconnect in room 1000
4473-ACMP0002	Air Compressor, Rm 1000 S Wall
4473-ADRY0001	Air Dryer, Rm 1000 - Disconnect at dryer
4473-AH0001	Air Handling Unit, Above Rm 1001 - Disconnect on unit
4473-AH0002	Air Handling Unit, Above Rm 1004 - Disconnect on unit
4473-BFP0001	Back Flow Preventer - Hot, Rm 1000 South Wall
4473-BFP0002	Back Flow Preventer - Hot, Rm 1000 East Wall
4473-CBP0001	Circuit Breaker Panel, Room 1000, East Wall
4473-CHLR0001	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0002	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0003	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0004	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0005	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0006	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0007	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0008	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-CHLR0009	Water Cooled Chiller, Rm 1000 - Disconnect at chiller
4473-COIL001A	Chilled Water Coil, AH0001, Above Rm 1001
4473-COIL001B	Hot Water/Steam Coil, AH0001, Above Rm 1001
4473-COIL002A	Chilled Water Coil, AH0002, Above Rm 1004
4473-COIL002B	Hot Water/Steam Coil, AH0002, Above Rm 1004
4473-CTWR0001	Cooling Tower, North Side - Disconnect on North side
4473-CTWR0002	Cooling Tower, North Side - Disconnect on North side
4473-CTWR0003	Cooling Tower, North Side - Disconnect on North side
4473-CTWR0004	Cooling Tower, North Side - Disconnect on North side
4473-CTWR0005	Cooling Tower, North Side - Disconnect on North side
4473-CWP0001	Condenser Water Pump, North Side - Disconnect at pump
4473-CWP0002	Condenser Water Pump, North Side - Disconnect at pump
4473-CWP0003	Condenser Water Pump, North Side - Disconnect at pump
4473-CWP0004	Condenser Water Pump, North Side - Disconnect at pump
4473-CWP0005	Condenser Water Pump, North Side - Disconnect at pump
4473-CWP0006	Condenser Water Pump, North Side - Disconnect at pump
4473-DOOR0001	Roll-Up Door Electric, Rm 1000 W Wall
4473-EAF0001	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0002	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0003	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0004	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4473-EAF0005	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0006	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0007	Exhaust Fan Vent, Rm 1000 - Disconnect at fan motor
4473-EAF0008	Exhaust Fan Refrigerant, Rm 1000 - Disconnect at fan motor
4473-EAF0009	Exhaust Fan Refrigerant, Rm 1000 - Disconnect at fan motor
4473-EAF0010	Exhaust Fan Refrigerant, Rm 1000 - Disconnect at fan motor
4473-EW0001	Safety Eyewash, Portable, N. Wall, Center
4473-EW0002	Safety Eyewash, Portable, E. Wall, Center
4473-FAS0001	Fire Alarm System, Room 1000, West Wall by Door
4473-HV0001	Heating Vent Unit, Above Rm 1001
4473-LC0001	Lighting Contactor, Room 1001, Outer Wall By Schw3
4473-LC0002	Lighting Contactor, Room 1001, Outer Wall By Schw3
4473-LTS0001	Emergency Lighting, Room 1000, North Wall
4473-LTS0002	Emergency Lighting, Room 1001, Outer North Wall
4473-LTS0003	Emergency Lighting, South Side Column A7
4473-LTS0004	Emergency Lighting, North Side Column A7
4473-LTS0005	Emergency Lighting, South Side Column A4
4473-LTS0006	Emergency Lighting, North Side Column A4
4473-LTS0007	Emergency Lighting, South Side Column A2
4473-LTS0008	Emergency Lighting, North Side Column A2
4473-MCC0001	Motor Control Center, Room 1000, Northwest Corner
4473-MCC0002	Motor Control Center, Room 1000, Northwest Corner
4473-MCC0003	Motor Control Center, Room 1000, Northwest Corner
4473-MCC0004	Motor Control Center, Room 1000, Northwest Corner
4473-MCC0005	Motor Control Center, Room 1000, Outer Wall Rm 1001
4473-MCC0006	Motor Control Center, Room 1000, Outer Wall Rm 1001
4473-MCC0007	Motor Control Center, Room 1000, Outer Wall Rm 1001
4473-ODT0001	Oxygen Detection System, Room 1000, Outer Wall Rm 1001
4473-PMP0001	Chemical Metering Pump, Rm 1000 - Closed Loop Keystone 3723
4473-PMP0002	Sand Filter Pump, Outside North at Cooling Towers, SFILT0001
4473-PMP0003	Sand Filter Pump, Outside North at Cooling Towers, SFILT0002
4473-PMP0004	Chemical Metering Pump, Rm 1000 - East Loop Keystone 3015
4473-PMP0005	Chemical Metering Pump, Rm 1000 - East Loop Keystone 3020
4473-PMP0006	Chemical Metering Pump, Rm 1000 - East Loop Keystone 3124
4473-PMP0007	Chemical Metering Pump, Rm 1000 - West Loop Keystone 3015
4473-PMP0008	Chemical Metering Pump, Rm 1000 - West Loop Keystone 3020
4473-PMP0009	Chemical Metering Pump, Rm 1000 - West Loop Keystone 3124
4473-PNL0001	Panel Board, Room 1000, Outer Wall Rm 1001
4473-PNL0002	Panel Board, Room 1000, Outer Wall Rm 1001
4473-PRIP0001	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0002	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0003	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0004	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0005	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0006	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0007	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0008	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-PRIP0009	Primary Chill Water Pump, Rm 1000 - Disconnect at pump
4473-RMON0001	Refrigerant Monitoring System, Room 1000, 8 Sensors
4473-ROOF0001	Roof, Bldg 4473
4473-SECP0001	Chill Water Pump, Rm 1000 - Disconnect at pump
4473-SECP0002	Chill Water Pump, Rm 1000 - Disconnect at pump
4473-SECP0003	Chill Water Pump, Rm 1000 - Disconnect at pump

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4473-SECP0004	Chill Water Pump, Rm 1000 - Disconnect at pump
4473-SECP0005	Chill Water Pump, Rm 1000 - Disconnect at pump
4473-SECP0006	Chill Water Pump, Rm 1000 - Disconnect at pump
4473-SFILT0001	Sand Filter, Outside North at Cooling Towers, West End
4473-SFILT0002	Sand Filter, Outside North at Cooling Towers, East End
4473-SHEW0001	Safety Shower & Eyewash, N.E. Corner, Rm 1000
4473-SS0001	Safety Switch, Chiller # 9, Pchwp
4473-SS0002	Safety Switch, N. Wall, W. Side Column 2
4473-SS0003	Safety Switch, N. Wall, Btwn. Col. 2 & 3
4473-SS0004	Safety Switch, N. Wall, Btwn. Col. 2 & 3
4473-SS0005	Safety Switch, N. Wall, Btwn. Col. 3 & 4
4473-SS0006	Safety Switch, N. Wall, Btwn. Col. 3 & 4
4473-SS0007	Safety Switch, N. Wall, Btwn. Col. 4 & 5
4473-SS0008	Safety Switch, N. Wall, Btwn. Col. 5 & 6
4473-SS0009	Safety Switch, N. Wall, Btwn. Col. 6 & 7
4473-SS0010	Safety Switch, N. Wall, Btwn. Col. 6 & 7
4473-SS0011	Safety Switch, N. Wall At Column 8
4473-SS0012	Safety Switch, Chiller # 5, Pchwp
4473-SS0013	Safety Switch, Chiller # 4, Pchwp
4473-SS0014	Safety Switch, Chiller # 3, Pchwp
4473-SS0015	Safety Switch, Chiller # 2, Pchwp
4473-SS0016	Safety Switch, Schwp-6, Near E. Wall
4473-SS0017	Safety Switch, Schwp-5, Near E. Wall
4473-SS0018	Safety Switch, Schwp-4, Near E. Wall
4473-SS0019	Safety Switch, Schwp-3, Near E. Wall
4473-SS0020	Safety Switch, Schwp-2, Near E. Wall
4473-SS0021	Safety Switch, Schwp-1, Near E. Wall
4473-SS0022	Safety Switch, Chiller # 6, Pchwp
4473-SS0023	Safety Switch, Chiller # 7, Pchwp
4473-SS0024	Safety Switch, Chiller # 8, Pchwp
4473-SS0025	Safety Switch, Air Comp. # 1, S. Wall
4473-SS0026	Safety Switch, Air Comp. # 2, S. Wall
4473-SS0027	Safety Switch, Pchwp By Column A6
4473-SS0028	Safety Switch, Swgr. Room Roof
4473-SS0029	Safety Switch, Swgr. Room Roof
4473-SS0030	Safety Switch, Swgr. Room Roof
4473-SS0031	Safety Switch, Cwp006, N. Yard By Cool. T.
4473-SS0032	Safety Switch, Cwp005, N. Yard By Cool. T.
4473-SS0033	Safety Switch, Cwp004, N. Yard By Cool. T.
4473-SS0034	Safety Switch, Cwp003, N. Yard By Cool. T.
4473-SS0035	Safety Switch, Cwp002, N. Yard By Cool. T.
4473-SS0036	Safety Switch, Cwp001, N. Yard By Cool. T.
4473-SS0037	Safety Switch, Cooling Tower Fan # 1
4473-SS0038	Safety Switch, Cooling Tower Fan # 2
4473-SS0039	Safety Switch, Cooling Tower Fan # 3
4473-SS0040	Safety Switch, Cooling Tower Fan # 4
4473-SS0041	Safety Switch, Cooling Tower Fan # 5
4473-STRT0001	Electronic Starter, Switch Gear Room
4473-STRT0002	Electronic Starter, Switch Gear Room
4473-STRT0003	Electronic Starter, Switch Gear Room
4473-STRT0004	Electronic Starter, Switch Gear Room
4473-STRT0005	Electronic Starter, Switch Gear Room
4473-STRT0006	Electronic Starter, Switch Gear Room

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4473-STRT0007	Electronic Starter, Switch Gear Room
4473-STRT0008	Electronic Starter, Switch Gear Room
4473-STRT0009	Electronic Starter, Switch Gear Room
4473-STRT001	Starter, Swgr. Room, Ctr. Isle
4473-STRT002	Starter, Swgr. Room, Ctr. Isle
4473-STRT003	Starter, Swgr. Room, Ctr. Isle
4473-STRT004	Starter, Swgr. Room, Ctr. Isle
4473-STRT005	Starter, Swgr. Room, Ctr. Isle
4473-STRT006	Starter, Swgr. Room, Ctr. Isle
4473-STRT007	Starter, Swgr. Room, Ctr. Isle
4473-STRT008	Starter, Swgr. Room, Ctr. Isle
4473-STRT009	Starter, Room 1001, Ctr. Isle
4473-SWGR0001	Switch Gear, Room 1001, West Wall
4473-SWGR0002	Switch Gear, Room 1001, West Wall
4473-SWGR001	Switch Gear, Room 1001, W. Wall
4473-SWGR002	Switch Gear, Room 1001, Center Area
4473-TMR0001	Timer, Room 1001, Outer Wall By Schw3
4473-VLV0001	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0002	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0003	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0004	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0005	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0006	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0007	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0008	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0009	Automatic Valve Chiller Condenser - Rm 1000
4473-VLV0010	Automatic Valve Cooling Tower - N. Outside
4473-VLV0011	Automatic Valve Cooling Tower - N. Outside
4473-VLV0012	Automatic Valve Cooling Tower - N. Outside
4473-VLV0013	Automatic Valve Cooling Tower - N. Outside
4473-VLV0014	Automatic Valve Cooling Tower - N. Outside
4473-VLV0015	Automatic Valve Cooling Tower Bypass - N. Outside
4473-VSC0001	Variable Speed Drive, Rm 1001
4473-VSC0002	Variable Speed Drive, RM 1001
4473-VSC0003	Variable Speed Drive, RM 1001
4473-VSC0004	Variable Speed Drive, RM 1001
4473-VSC0005	Variable Speed Drive, RM 1001
4473-VSC0006	Variable Speed Drive, RM 1001
4473-XFMR0001	Transformer, Room 1000, Outer Wall Room 1001
4473-XFMR0002	Transformer, Room 1000, Outer Wall Room 1001
4475-ACMP0001	Air Compressor Controller, Rm 114/Rm E01 - Disconnect room E1
4475-ADRY0001	Air Dryer, Rm 114/Rm E01 - Disconnect room E1
4475-AH0001	Air Handling Unit, Rm. 106 Overhead - Disconnect on unit
4475-AH0002	Air Handling Unit, Rm. 143 - Disconnect on unit
4475-AH0004	Air Handling Unit, Rm. 113 - Disconnect on unit
4475-AH0005	Air Handling Unit, Rm. 124 - Disconnect on unit
4475-AH0006	Air Handling Unit, Rm. 123 - Disconnect on unit
4475-AH0007	Air Handling Unit, Rm. 122 - Disconnect on unit
4475-AH0008	Air Handling Unit, Rm. 129 - Disconnect on unit
4475-AH0009	Air Handling Unit, Rm. 130 - Disconnect on unit
4475-AH0010	Air Handling Unit, Rm. 131 - Disconnect on unit
4475-AH0011	Air Handling Unit, Rm. 144 - Disconnect on unit
4475-AH0012	Air Handling Unit, Rm. 144 - Disconnect on unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4475-ATS0001	Auto Transfer Switch, Generator Shed
4475-BATB0001	Battery Bank, Rm 121
4475-BFP0001	Back Flow Preventer - Hot, Rm 114/ E01
4475-CBP0001	Circuit Breaker Panel, Room 121
4475-CBP0002	Circuit Breaker Panel, Room 134
4475-CBP0003	Circuit Breaker Panel, East Outside
4475-CBS0001	Circuit Breaker Starter, Room 129
4475-CBS0002	Circuit Breaker Starter, Room 130
4475-CBS0003	Circuit Breaker Starter, Room 143, E-01
4475-CHLR0001	Water Chiller, Rm 114/Rm E01 - REMOVED from PM
4475-CHWP0001	Chill Water Pump, Rm 143 - Disconnect at pump
4475-CHWP0002	Chill Water Pump, Rm 143 - Disconnect at pump
4475-CNDP0001	Condensate Pump, Rm 143 - Disconnect at pump
4475-COIL001A	Chilled Water Coil, AH0001, Rm 106
4475-COIL001B	Hot Water/Steam Coil, AH0001, Rm 106
4475-COIL002A	Chilled Water Coil, AH0002, Rm 143
4475-COIL002B	Hot Water/Steam Coil, AH0002, Rm 143
4475-COIL004A	Chilled Water Coil, AH0004, Rm 113
4475-COIL004B	Hot Water/Steam Coil, AH0004 Rm 113
4475-COIL005A	Chilled Water Coil, AH0005, Rm 124
4475-COIL005B	Hot Water/Steam Coil, AH0005, Rm 124
4475-COIL006A	Chilled Water Coil, AH0006, Rm 123
4475-COIL006B	Hot Water/Steam Coil, AH0006, Rm 123
4475-COIL007A	Chilled Water Coil, AH0007, Rm 122
4475-COIL007B	Hot Water/Steam Coil, AH0007, Rm 122
4475-COIL008A	Chilled Water Coil, AH0008, Rm 129
4475-COIL008B	Hot Water/Steam Coil, AH0008, Rm 129
4475-COIL009A	Chilled Water Coil, AH0009, Rm 130
4475-COIL009B	Hot Water/Steam Coil, AH0009, Rm 130
4475-COIL010A	Chilled Water Coil, AH0010, Rm 131
4475-COIL010B	Hot Water/Steam Coil, AH0010, Rm 131
4475-COIL011A	Chilled Water Coil, AH0011, Rm 144
4475-COIL011B	Hot Water/Steam Coil, AH0011, Rm 144
4475-COIL012A	Chilled Water Coil, AH0012, Rm 144
4475-COIL012B	Hot Water/Steam Coil, AH0012, Rm 144
4475-CRU0001	Computer Room Unit, Rm 140 Overhead - Disconnect at unit
4475-CRU0002	Computer Room Unit, Rm 141 - Disconnect at unit
4475-CRU0003	Computer Room Unit, Rm 121 - UPS Room - Disconnect at unit
4475-EAF0001	Fan Exhaust Blower, Rm 114 Outside - Disconnect at fan motor
4475-EAF0002	Fan Exhaust Blower, Rm 143 Outside - Disconnect at fan motor
4475-EAF0003	Fan Exhaust Blower, Rm 124 Outside - Disconnect at fan motor
4475-EAF0004	Fan Exhaust Blower, Rm 123 Outside - Disconnect at fan motor
4475-EAF0005	Fan Exhaust Blower, Rm 122 Outside - Disconnect at fan motor
4475-EAF0006	Fan Exhaust Blower, Rm 129 Outside - Disconnect at fan motor
4475-EAF0007	Fan Exhaust Blower, Rm 130 Outside - Disconnect at fan motor
4475-EAF0008	Fan Exhaust Blower, Rm 131 Outside - Disconnect at fan motor
4475-EAF0009	Fan Exhaust Blower, Rm 112 Outside - Disconnect at fan motor
4475-EAF0010	Fan Exhaust Blower, Rm 113 Outside - Disconnect at fan motor
4475-EAF0011	Fan Exhaust Blower, Rm 144 Outside - Disconnect at fan motor
4475-EAF0012	Fan Exhaust Blower, Rm 103A Outside - Disconnect at fan motor
4475-EAF0013	Fan Exhaust Blower, Rm 114 Outside - Disconnect at fan motor
4475-FAS0001	Fire Alarm System, South Hallway
4475-GEN0001	Emergency Generator, Outside, East

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4475-HTR0001	Heater Unit, Rm 143 - Disconnect at unit
4475-HTR0002	Heater Unit, Rm 131 - Disconnect at unit
4475-HTR0003	Heater Unit, Rm 130 - Disconnect at unit
4475-HTR0004	Heater Unit, Rm 129 - Disconnect at unit
4475-HTR0005	Heater Unit, Rm 143 - Disconnect at unit
4475-HTR0006	Heater Unit, Rm 143 - Disconnect at unit
4475-HWHD0001	Hot Water Heater Domestic, Rm 143 - Disconnect at heater
4475-HWP0001	Hot Water Pump, Rm 143 - Disconnect at pump
4475-HWP0002	Hot Water Pump, Rm 143
4475-HXGR0001	Heat Exchanger, Rm 143
4475-LTS0001	Emergency Lighting - Fluorescent, S. Hall North
4475-LTS0002	Emergency Lighting - Fluorescent, S. Hall South
4475-LTS0003	Emergency Lighting - Fluorescent, N. Hall North
4475-LTS0004	Emergency Lighting - Fluorescent, N. Hall South
4475-LTS0005	Emergency Lighting - Dry Cell, Hall near Rm 117
4475-MCC0001	Motor Control Center, Rm 114/Rm E01
4475-MCC0002	Motor Control Center, Rm 143
4475-MID0001	Microscan Interface Device, Rm 143
4475-MID0002	UCS Microscan Fid, Rm 143
4475-ODT0001	Oxygen Detection System, Outside Rm 117
4475-ODT0002	Oxygen Detection System, North Hallway
4475-ODT0003	Oxygen Detection System, South Hallway
4475-PNL0001	Panel Board, Rm 130 - UPS Panel PP130A
4475-PNL0002	Panel Board, Rm 134 - Panel PP134
4475-PNL0003	Panel Board, Rm 131
4475-PNL0004	Panel Board, Outside Rm 115 - Panel L1
4475-PNL0005	Panel Board, Rm 122 - Panel PD3
4475-PNL0006	Panel Board, Rm 122 - Panel PD4
4475-PNL0007	Panel Board, Rm 143
4475-PNL0008	Panel Board, Rm 117 - UPS Panel PPB
4475-PNL0009	Panel Board, Rm 143
4475-PNL0010	Panel Board, Rm 121 - Panel PPD
4475-PNL0011	Panel Board, Rm 114/Rm E01- Panel LPA
4475-PNL0012	Panel Board, Rm 117 - UPS Panel PPA
4475-PNL0013	Panel Board, Rm 114/Rm E01- UPS Panel RPB
4475-PNL0014	Panel Board, Rm 114/Rm E01- UPS Panel RPC
4475-PNL0015	Panel Board, Rm 117 - UPS Panel PPC
4475-PNL0016	Panel Board, Rm 139 - UPS Panel PP139
4475-PNL0017	Panel Board, Rm 121 - Panel PPD
4475-PNL0018	Panel Board, Rm 130 - UPS Panel PP130B
4475-PNL0019	Panel Board, Rm 121 - UPS Panel UPSD
4475-PNL0020	Panel Board, Rm 129 - UPS Panel PP129
4475-PNL0021	Panel Board, Rm 144 - UPS Panel KAD-1
4475-PNL0022	Panel Board, Rm 144 - UPS Panel CBP01
4475-PNL0023	Panel Board, Rm 144 - UPS Panel CBP02
4475-PNL0024	Panel Board, Rm 143
4475-PNL0025	Panel Board, Rm 129 - PP02
4475-PNL0026	Panel Board, Rm 129 - RTC
4475-PNL0027	Panel Board, Rm 131 - KAD
4475-PNL0028	Panel Board, Rm 143 - PP01
4475-PNL0029	Panel Board, Rm 143 - PP03
4475-PNL0030	Panel Board, Rm 117 - RP01
4475-RAF0002	Return Air Fan, Rm 143 - Disconnect in panel - Disconnect in panel

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4475-RAF0002	Return Air Fan, Rm 143 - Disconnect in panel - Disconnect in panel
4475-ROOF0001	Roof, Main, Bldg 4475
4475-SHEW0001	Safety Shower & Eyewash, Rm 122
4475-SHEW0002	Safety Shower & Eyewash, Rm 123
4475-SHEW0003	Safety Shower & Eyewash, Rm 131
4475-SHEW0004	Safety Shower & Eyewash, W. Side - REMOVED
4475-SPR0001	Sprinkler System, Rm 143
4475-SS0001	Safety Switch, Room 101
4475-SS0002	Safety Switch, Room 101
4475-SS0003	Safety Switch, Room 101
4475-SS0004	Safety Switch, Room 112
4475-SS0005	Safety Switch, Room 112
4475-SS0006	Safety Switch, Room 112
4475-SS0007	Safety Switch, Room 112
4475-SS0008	Safety Switch, Room 112
4475-SS0009	Safety Switch, Room 112
4475-SS0010	Safety Switch, Room 112
4475-SS0011	Safety Switch, Room 112
4475-SS0012	Safety Switch, Room 112
4475-SS0013	Safety Switch, Room 121
4475-SS0014	Safety Switch, Room 129
4475-SS0015	Safety Switch, Room 129
4475-SS0016	Safety Switch, Room 129
4475-SS0017	Safety Switch, Room 129
4475-SS0018	Safety Switch, Room 129
4475-SS0019	Safety Switch, Room 143, E-01
4475-SS0020	Safety Switch, Room 143, E-01
4475-SS0021	Safety Switch, Room 143, E-01
4475-SS0022	Safety Switch, Room 143, E-01
4475-SS0023	Safety Switch, Room 143, E-01
4475-SS0024	Safety Switch, Room 143, E-01
4475-SS0025	Safety Switch, Room 114, E-02
4475-SS0026	Safety Switch, Room 114, E-02
4475-SS0027	Safety Switch, Room 114, E-02
4475-SS0028	Safety Switch, Room 114, E-02
4475-SS0029	Safety Switch, Room 139
4475-SS0030	Safety Switch, Room 144
4475-SS0031	Safety Switch, Room 144
4475-SS0032	Safety Switch, Room 144
4475-SS0033	Safety Switch, Room 144
4475-SS0034	Safety Switch, West Outside
4475-SS0035	Safety Switch, Room 113
4475-SS0036	Safety Switch, Room 113
4475-SS0037	Safety Switch, Room 131
4475-SS0038	Safety Switch, Room 131
4475-SS0039	Safety Switch, Room 141
4475-SS0040	Safety Switch, South Outside
4475-SS0041	Safety Switch, South Outside
4475-SS0042	Safety Switch, South Outside
4475-SS0043	Safety Switch, East Outside
4475-SS0044	Safety Switch, East Outside
4475-SS0045	Safety Switch, East Outside
4475-SS0046	Safety Switch, East Outside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4475-STMS0001	Steam Station, Rm 143
4475-STRT0001	Starter, Room 101
4475-STRT0002	Starter, Room 103
4475-STRT0003	Starter, Room 143, E-01
4475-SUB0001	Substation, East Side
4475-SWBD0001	Switch Board, Rm 143 - PNL PPD Disconnect
4475-TMR0001	Timer, Room 143, E-01
4475-TMR0002	Timer, Room 143, E-01
4475-TRP0001	Steam Trap, Rm 114/E-1 (026-00001)
4475-TRP0002	Steam Trap, Rm 114/E-1 (026-00002)
4475-TRP0003	Steam Trap, Rm 114/E-1 (026-00003)
4475-TRP0004	Steam Trap, Rm 114/E-1 (026-00004)
4475-TRP0005	Steam Trap, Rm 114/E-1 (026-00005)
4475-UH0001	Unit Heater Steam, Rm 129
4475-UH0002	Unit Heater Steam, Rm 114
4475-UH0003	Unit Heater Steam, Rm 130
4475-UH0004	Unit Heater Steam, Rm 131
4475-UPS0001	UPS Power System, Rm 121
4475-VFD0001	Variable Frequency Drive, Room 143, E-01
4475-VFD0002	Variable Frequency Drive, Room 143, E-01
4475-VSC0001	Variable Speed Control, - Rm 143
4475-VSC0002	Variable Speed Control, - Rm 143
4475-XFMR0001	Transformer, Rm 143 - Transformer T6
4475-XFMR0002	Transformer, Rm 143
4475-XFMR0003	Transformer, Rm 114/Rm E01 - T13
4475-XFMR0004	Transformer, Rm 114/Rm E01 - T14
4475-XFMR0005	Transformer, Rm 114/Rm E01- T10
4475-XFMR0006	Transformer, Rm 114/Rm E01- T11
4475-XFMR0007	Transformer, Rm 114/Rm E01- UPS T12
4475-XFMR0008	Transformer, Rm 143 - UPS T3
4475-XFMR0009	Transformer, Rm 143
4475-XFMR0010	Transformer, Rm 143 - UPS T2
4475-XFMR0011	Transformer, Rm 143 - UPS T15
4475-XFMR0012	Transformer, Rm 143 - T1
4475-XFMR0013	Transformer, Rm 143 - UPS T8
4475-XFMR0014	Transformer, Rm 143 - T5
4475-XFMR0015	Transformer, Rm 143- T9
4475-XFMR0016	Transformer, Rm 143 - T17
4475-XFMR0017	Transformer, Room 122
4476-ACMP0001	Air Compressor Control, 1st Floor, Tower - Disconnect on wall
4476-ADRY0001	Air Dryer, Tower, 1st Level - Disconnect at dryer
4476-AH0001	Air Handling Unit, Rm 105 - Disconnect on unit
4476-AH0001	Air Handling Unit, Rm 105 - Disconnect on unit
4476-AH0002	Air Handling Unit, Rm 105 - Disconnect on unit
4476-AH0003	Air Handling Unit, Rm 117A, Outside - Disconnect on unit
4476-AH0004	Air Handling Unit, Rm 204A - Disconnect on unit
4476-AH0008	Air Handling Unit, Rm 126/Rm E02, Outside - Disconnect on unit
4476-AH0008	Air Handling Unit, Rm 126/Rm E02, Outside - Disconnect on unit
4476-AH0009	Air Handling Unit, Rm 110B, 1st Floor - Disconnect on unit
4476-AH0011	Air Handling Unit, Center, 2nd Floor - Disconnect on unit
4476-ATS0001	Auto Transfer Switch, Room 116A
4476-BFP0001	Back Flow Preventer - Hot, Rm 176/ E01
4476-CBP0001	Circuit Breaker Panel, Room 105, E-01

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4476-CBP0002	Circuit Breaker Panel, Room 105, E-01
4476-CBP0003	Circuit Breaker Panel, Room 110C, E-07
4476-CBS0001	Circuit Breaker Starter, Room 123
4476-CHWP0002	Chill Water Pump, Rm 105 - Disconnect at pump - REMOVED
4476-CHWP0004	Chill Water Pump, Tunnell - Disconnect at pump
4476-COIL001A	Chilled Water Coil, AH0001, Rm 105
4476-COIL001B	Hot Water/Steam Coil, AH0001, Rm 105
4476-COIL002A	Chilled Water Coil, AH0002, Rm 105
4476-COIL002B	Hot Water/Steam Coil, AH0002, Rm 105
4476-COIL003A	Chilled Water Coil, AH0003, Rm 117A, Outside
4476-COIL003B	Hot Water/Steam Coil, AH0003, Rm 117A, Outside
4476-COIL004A	Chilled Water Coil, AH0004, Rm 204A
4476-COIL004B	Hot Water/Steam Coil, AH0004, Rm 204A
4476-COIL008A	Chilled Water Coil, AH0008, Rm 126/E-2
4476-COIL008B	Hot Water/Steam Coil, AH0008, Rm 126/E-2
4476-COIL009A	Chilled Water Coil, AH0009, Rm 110B
4476-COIL009B	Hot Water/Steam Coil, AH0009, Rm 110B
4476-COIL011A	Chilled Water Coil, AH0011, Center, 2nd Floor
4476-COIL011B	Hot Water/Steam Coil, AH0011, Center, 2nd Floor
4476-CONT0001	Contactor, Room 101
4476-CONT0002	Contactor, Tower, 10TH Floor
4476-CRU0001	Computer Room Unit, Rm 114A - Disconnect at unit
4476-CRU0002	Computer Room Unit, Rm 114A - Disconnect at unit
4476-CRU0003	Computer Room Unit, Rm 200 - Disconnect at unit
4476-CRU0004	Computer Room Unit, Rm 110A - Disconnect at unit
4476-CRU0005	Computer Room Unit, Rm 113B - Disconnect at unit
4476-CRU0006	Computer Room Unit, Rm 113 - Disconnect at unit
4476-CRU0007	Computer Room Unit, Rm 113A - Disconnect at unit
4476-CRU0008	Computer Room Unit, Rm 110 - Disconnect at unit
4476-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4476-DOOR0002	Roll-Up Door, South Side - Disconnect at door
4476-DOOR0003	Roll-Up Door,
4476-DXAC0001	Direct Expansion AC Unit, Rm 123 - Disconnect at unit
4476-DXAC0001	Direct Expansion AC Unit, Rm 123 - Disconnect at unit
4476-EAF0001	Exhaust Blower Fan, NW Side, Roof - Disconnect at fan motor - REMOVED FROM PM, UNIT IS OOS
4476-EAF0002	Exhaust Blower Fan, SW Side, Roof - Disconnect at fan motor - REMOVED FROM PM, UNIT IS OOS
4476-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4476-EAF0004	Exhaust Blower Fan, Roof of Rm 117A, Outside - Disconnect at fan motor
4476-EAF0005	Exhaust Blower Fan, Roof of Rm 117A, Outside - Disconnect at fan motor
4476-ELEV0001	Cable Elevator, Tower, North Side, 4476 - Disconnect at elevator
4476-EW0001	Safety Eyewash, Rm 105
4476-EW0002	Safety Eyewash, Rm 118, Outside
4476-FAS0001	Fire Alarm System, North Entrance
4476-FID0001	Field Interface Device, Rm 105
4476-GEN0001	Emergency Generator, Outside NE
4476-HST0001	1-Ton Electric Hoist, Level 10 Under Elevator Room - Disconnect at WEST WALL
4476-HST0002	1-Ton Electric Hoist, Rm 113 - Disconnect at NORTH WALL
4476-HST0003	5-Ton Electric Hoist, High Bay, East-West Rail, Rm 110B - Disconnect at EAST WALL
4476-HST0004	5-Ton Electric Hoist, High Bay, North-South Rail, Rm 110B - Disconnect at SOUTH WALL
4476-HWHD0001	Hot Water Heater - Domestic, Rm 109 - Disconnect at heater
4476-HWP0001	Hot Water Pump, Rm 105 - Disconnect at pump
4476-HWP0001	Hot Water Pump, Rm 105 - Disconnect at pump
4476-HWP0002	Hot Water Pump, Rm 105 - Disconnect at pump

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4476-LROD0001	Lightning Rod, Roof, Tower
4476-LTS0001	Aviation Warning Lights, Roof
4476-LTS0002	Emergency Lighting - Fluorescent, Rm 202, East
4476-LTS0003	Emergency Lighting - Fluorescent, Rm 202, Center
4476-LTS0004	Emergency Lighting - Fluorescent, Rm 202, West
4476-LTS0005	Emergency Lighting - Fluorescent, Rm 202C, East
4476-LTS0006	Emergency Lighting - Fluorescent, Rm 202C, West
4476-LTS0007	Emergency Lighting , Fluorescent, Rm 204
4476-LTS0008	Emergency Lighting - Dry Cell., Hallway Near Rm 119A
4476-LTS0009	Emergency Lighting - Dry Cell, Rm E4
4476-LTS0010	Emergency Lighting - Dry Cell, O/S Rm 117
4476-LTS0011	Emergency Lighting - Dry Cell, Rm 204, Stairs
4476-LTS0012	Emergency Lighting - Dry Cell, Rm 119
4476-LTS0013	Emergency Lighting - Dry Cell, Tower Basement
4476-LTS0014	Emergency Lighting - Dry Cell, Tower, Rm 201
4476-LTS0015	Emergency Lighting - Dry Cell, Tower, Rm 301
4476-LTS0016	Emergency Lighting - Dry Cell, Tower, Rm 401
4476-LTS0017	Emergency Lighting - Dry Cell, Tower, Rm 501
4476-LTS0018	Emergency Lighting - Dry Cell, Tower, Rm 801
4476-LTS0019	Emergency Lighting - Dry Cell, Tower, Rm 601
4476-LTS0020	Emergency Lighting - Dry Cell, Tower, Rm 701
4476-LTS0021	Emergency Lighting - Dry Cell, Tower, Rm 801
4476-LTS0022	Emergency Lighting - Dry Cell, Tower, Rm 901
4476-LTS0023	Emergency Lighting - Dry Cell, Tower, Rm 1001
4476-LTS0024	Emergency Lighting - Dry Cell, Tower, Rm 1101
4476-LTS0025	Emergency Lighting - Dry Cell, Tunnel Entrance, T3
4476-LTS0026	Emergency Lighting - Dry Cell, Tunnel East, T2
4476-MCC0001	Motor Control Center, Rm 105
4476-MCC0002	Motor Control Center, Rm 105
4476-MTS0001	Manual Transfer Switch, Rm 118, Outside
4476-ODT0001	Oxygen Detection System, South Entrance
4476-PNL0001	Panel Board, Rm 105
4476-PNL0002	Panel Board, Rm 110A
4476-PNL0003	Panel Board, Rm 110
4476-PNL0004	Panel Board, Rm 103
4476-PNL0005	Panel Board, Rm 110
4476-PNL0006	Panel Board, Hallway outside Rm 120
4476-PNL0007	Panel Board, Hallway outside Rm 121
4476-PNL0008	Panel Board, Hallway outside Rm 105
4476-PNL0009	Panel Board, Rm 105
4476-PNL0010	Panel Board, Rm 113
4476-PNL0011	Panel Board, Rm 113
4476-PNL0012	Panel Board, Rm 113A
4476-PNL0013	Panel Board, Rm 118, Outside
4476-PNL0014	Panel Board, Rm 118, Outside
4476-PNL0015	Panel Board, Rm 118, Outside
4476-PNL0016	Panel Board, Rm 118, Outside
4476-PNL0017	Panel Board, Rm 126/Rm E02, Outside
4476-PNL0018	Panel Board, Rm 123
4476-PNL0019	Panel Board, Rm 124
4476-PNL0020	Panel Board, Rm 124
4476-PNL0021	Panel Board, Rm 124
4476-PNL0022	Panel Board, Rm 113D

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4476-PNL0023	Panel Board, Rm 125
4476-PNL0024	Panel Board, Rm 114
4476-PNL0025	Panel Board, Rm 110B
4476-PNL0026	Panel Board, Rm 126/Rm E02, Outside
4476-PNL0027	Panel Board, Rm 202
4476-PNL0028	Panel Board, Rm 115
4476-PNL0029	Panel Board, Rm 202C
4476-PNL0030	Panel Board, Rm 123
4476-PNL0031	Panel Board, Rm 123
4476-PNL0032	Panel Board, Rm 123
4476-PNL0033	Panel Board, Rm 126/Rm E02, Outside
4476-PNL0034	Panel Board, Rm 126/Rm E02, Outside
4476-PNL0035	Panel Board, Rm 126/Rm E02, Outside
4476-PNL0036	Panel Board, Rm 117
4476-PNL0037	Panel Board, Tower Level 2
4476-PNL0038	Panel Board, Hallway outside Rm 117
4476-PNL0039	Panel Board, Rm 202
4476-RAF0001	Return Air Fan, Rm 105 - Disconnect in panel
4476-RAF0002	Return Air Fan, Rm 105 - Disconnect in panel
4476-RAF0003	Return Air Fan, Rm 117A, Outside - Disconnect in panel
4476-ROOF0001	Roof, Main, Bldg 4476
4476-ROOF0002	Roof, East Side, Bldg 4476
4476-ROOF0003	Roof, West Side, Bldg 4476
4476-ROOF0004	Roof, East Awning, Bldg 4476
4476-SH0001	Safety Shower, Rm 105
4476-SPMP001	Sump Pump, Tower - Disconnect at pump
4476-SPR0001	Sprinkler System, Rm 105
4476-SS0001	Safety Switch, Inside Tunnel
4476-SS0002	Safety Switch, Inside Tunnel
4476-SS0003	Safety Switch, Inside Tunnel
4476-SS0004	Safety Switch, Inside Tunnel
4476-SS0005	Safety Switch, Room 101
4476-SS0006	Safety Switch, Room 105, E-01
4476-SS0007	Safety Switch, Room 105, E-01
4476-SS0008	Safety Switch, Room 105, E-01
4476-SS0009	Safety Switch, Room 105, E-01
4476-SS0010	Safety Switch, Room 105, E-01
4476-SS0011	Safety Switch, Room 105, E-01
4476-SS0012	Safety Switch, Room 105, E-01
4476-SS0013	Safety Switch, Room 105, E-01
4476-SS0014	Safety Switch, Room 105, E-01
4476-SS0015	Safety Switch, Room 105, E-01
4476-SS0016	Safety Switch, Room 113D
4476-SS0017	Safety Switch, Room 114
4476-SS0018	Safety Switch, Room 114
4476-SS0019	Safety Switch, Room 114B
4476-SS0020	Safety Switch, Room 125
4476-SS0021	Safety Switch, Room 204A, E-05
4476-SS0022	Safety Switch, Room 204A, E-05
4476-SS0023	Safety Switch, Room 204A, E-05
4476-SS0024	Safety Switch, Room 202
4476-SS0025	Safety Switch, Tower 2ND Floor
4476-SS0026	Safety Switch, Tower 2ND Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4476-SS0027	Safety Switch, Tower 2ND Floor
4476-SS0028	Safety Switch, Tower 10TH Floor
4476-SS0029	Safety Switch, Elevator Room
4476-SS0030	Safety Switch, Elevator Room
4476-SS0031	Safety Switch, Elevator Room
4476-SS0032	Safety Switch, Room 117A, E-03
4476-SS0033	Safety Switch, Room 117A, E-03
4476-SS0034	Safety Switch, Room 117A, E-03
4476-SS0035	Safety Switch, Room 116, E-06
4476-SS0036	Safety Switch, Room 116
4476-SS0037	Safety Switch, Room 126, E-02
4476-SS0038	Safety Switch, Air Comp., Outside S.
4476-SSS0001	Starter Safety Switch, Room 110B
4476-SSS0002	Starter Safety Switch, Room 110B
4476-SSS0003	Starter Safety Switch, Room 110B
4476-SSS0004	Starter Safety Switch, Room 110C, E-07
4476-SSS0005	Starter Safety Switch, Inside Tunnel
4476-SSS0006	Starter Safety Switch, Tower 2ND Floor
4476-SSS0007	Starter Safety Switch, Tower 2ND Floor
4476-STRT0001	Starter, Room 120
4476-STRT0002	Starter, Room 105, E-01
4476-STRT0003	Starter, Room 105, E-01
4476-STRT0004	Starter, Room 123
4476-STRT0005	Starter, Room 204A, E-05
4476-STRT0006	Starter, Room 126, E-02
4476-STRT0007	Starter, Air Comp., Outside S.
4476-SUB0001	Substation, NW Corner
4476-SWBD0001	Switchboard, Rm 105
4476-TMR0001	Timer, Room 105, E-01
4476-TRP0001	Steam Trap, Rm 105/E-1 (025-00001)
4476-TRP0002	Steam Trap, Rm 105/E-1 (025-00002)
4476-TRP0003	Steam Trap, Rm 105/E-1 (025-00003)
4476-TRP0004	Steam Trap, Rm 105/E-1 (025-00004)
4476-TRP0005	Steam Trap, Rm 105/E-1 (025-00005)
4476-UH0001	Unit Heater Electric, E-7
4476-UH0002	Unit Heater Steam, E-4
4476-UH0003	Unit Heater Steam, E-3
4476-UH0004	Unit Heater Steam, E-1
4476-UH0005	Unit Heater Electric, Rm 123
4476-UH0006	Unit Heater Steam, Rm 126
4476-UPS0001	UPS Power System, Rm 116A
4476-XFMR0001	Transformer, Rm 105
4476-XFMR0002	Transformer, Rm 105
4476-XFMR0003	Transformer, Rm 105
4476-XFMR0004	Transformer, Rm 105
4476-XFMR0005	Transformer, Rm 105
4476-XFMR0006	Transformer, Rm 105
4476-XFMR0007	Transformer, Rm 118, Outside
4476-XFMR0008	Transformer, Rm 204A
4476-XFMR0009	Transformer, Rm 123
4476-XFMR0010	Transformer, Rm 126/Rm E02, Outside
4476-XFMR0011	Transformer, Rm 126/Rm E02, Outside
4476-XFMR0012	Transformer, Tower 2ND Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4476-XFMR0013	Transformer, Room 110C, E-07
4476-XFMR0014	Transformer, Room 105, E-01
4476-XFMR0015	Transformer, Tower, Level 10
4477-AH0001	Air Handling Unit, Rm 104/E1
4477-COIL001A	Chilled Water Coil, AH0001, Rm 104/E-1
4477-COIL001B	Hot Water/Steam Coil, AH0001, Rm 104/E-1
4477-CONT0001	Contact, Room E-01
4477-FAS0001	Fire Alarm System, Inside
4477-LTS0001	Emergency Lighting - Dry Cell, Between 100 & 103
4477-PNL0001	Panel Board, E-1
4477-PNL0002	Panel Board, Rm 100
4477-ROOF0001	Roof, Bldg 4477
4477-ROOF0002	Roof, Bldg 4477
4477-SPR0001	Sprinkler System, Rm 104
4477-STR0001	Starter, Room E-01
4478-ROOF0001	Roof, Main, Bldg 4478
4479-ROOF0001	Roof, Bldg 4479
4480-DOOR0001	Manual Roll-up Door, North Side, Rm 100
4480-FAS0001	Fire Alarm System, Inside
4480-PNL0001	Panel Board, Interior
4480-PNL0002	Panel Board, Interior
4480-ROOF0001	Roof, Main, Bldg 4480
4480-SPR0001	Sprinkler System, West Side, REMOVED 2/14/05
4481-ACMP0001	Air Compressor Control, Rm 262/Rm E06 - Disconnect room E6
4481-ACMP0002	Air Compressor Control, Rm 262/Rm E06 - Disconnect room E6
4481-ACMP0003	Air Compressor Control, Rm 300A/Rm E03 - Disconnect room E3
4481-ACMP0004	Air Compressor Control, Rm 300A/Rm E03 - Disconnect room E3
4481-ACMP0006	Air Compressor Control, Rm 368E/Rm E08 - Disconnect room E8
4481-ACMP0007	Air Compressor Control, Rm 262/Rm E06 - Disconnect room E6
4481-ACMP0008	Air Compressor Control, Rm 368E/Rm E08 - Disconnect room E8
4481-ACP0001	Annunciator Panel, Hallway, West End
4481-ADRY0001	Air Dryer, Rm 262 - Disconnect at dryer
4481-ADRY0002	Air Dryer, Rm 300A/Rm E03 - Disconnect in room E3
4481-ADRY0003	Air Dryer, Rm 300A/Rm E03 - Disconnect in room E3
4481-AH0001	Air Handling Unit, Rm 125/Rm E01 - Disconnect room E1
4481-AH0001	Air Handling Unit, Rm 125/Rm E01 - Disconnect room E1
4481-AH0002	Air Handling Unit, Rm 262/Rm E06 - Disconnect in room E6
4481-AH0003	Air Handling Unit, Rm 262/Rm E06 - Disconnect in room E6
4481-AH0004	Air Handling Unit, Rm 229/Rm E05 - Disconnect in room E5
4481-AH0005	Air Handling Unit, Rm 229/Rm E05 - Disconnect in room E5
4481-AH0006	Air Handling Unit, Outside Rm 302A, Overhead - Disconnect on unit
4481-AH0007	Air Handling Unit, Rm 368E/Rm E08 - Disconnect in room E8
4481-AH0008	Air Handling Unit, Rm 301A/Rm E02 - Disconnect room E2
4481-AH0009	Air Handling Unit, Rm 301A/Rm E02 - Disconnect room E2
4481-AH0010	Air Handling Unit, Rm 318K/Rm E07 - Disconnect in room E7
4481-AH0011	Air Handling Unit, Rm 318K/Rm E07 - Disconnect in room E7
4481-AH0012	Air Handling Unit, Room 367
4481-AH0013	Air Handling Unit, Rm 399/Rm E10 - Disconnect in room E10
4481-AH0014	Air Handling Unit, Rm 407, Overhead - Disconnect on unit
4481-AH0015	Air Handling Unit, Rm 501, Overhead - Disconnect on unit
4481-AH0016	Air Handling Unit, Rm 518/Rm E09 - Disconnect in room E9
4481-AH0017	Air Handling Unit, Rm 518/Rm E09 - Disconnect in room E9
4481-AH0018	Air Handling Unit, Rm 408, Overhead - Disconnect on unit

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-AH0019	Air Handling Unit, Rm 303B, Inside Rm 303 - Disconnect on unit
4481-AH0020	Air Handling Unit, Rm 301, - Disconnect on unit
4481-ATS0001	Auto Transfer Switch, Outside Rm 507
4481-ATS0002	Auto Transfer Switch, Rm 225, Pipe Chase
4481-BFP0001	Back Flow Preventer - Hot, Rm 125/ E01
4481-BFP0002	Back Flow Preventer - Hot, Rm 300/ E04
4481-BPD0001	Buss Plug Disconnect, Room 215 Lab
4481-BPD0002	Buss Plug Disconnect, Room 215 Lab
4481-BPD0003	Buss Plug Disconnect, Room 215 Lab
4481-BPD0004	Buss Plug Disconnect, Room 215 Lab
4481-BPD0005	Buss Plug Disconnect, Room 215 Lab
4481-BPD0006	Buss Plug Disconnect, Room 215 Lab
4481-BPD0007	Buss Plug Disconnect, Room 215 Lab
4481-BPD0008	Buss Plug Disconnect, Room 215 Lab
4481-BPD0009	Buss Plug Disconnect, Room 215 Lab
4481-BPD0010	Buss Plug Disconnect, Room 220
4481-BPD0011	Buss Plug Disconnect, Room 220
4481-BPD0012	Buss Plug Disconnect, Room 220
4481-BPD0013	Buss Plug Disconnect, Room 220
4481-BPD0014	Buss Plug Disconnect, Room 230
4481-BPD0015	Buss Plug Disconnect, Room 230
4481-BPD0016	Buss Plug Disconnect, Room 230
4481-BPD0017	Buss Plug Disconnect, Room 230
4481-BPD0018	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0019	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0020	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0021	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0022	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0023	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0024	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0025	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0026	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0027	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0028	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0029	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0030	Buss Plug Disconnect, Room 225, Pipe Chase
4481-BPD0031	Buss Plug Disconnect, Room 222
4481-BPD0032	Buss Plug Disconnect, Room 222
4481-BPD0033	Buss Plug Disconnect, Room 222
4481-BPD0034	Buss Plug Disconnect, Room 222
4481-BPD0035	Buss Plug Disconnect, Room 222
4481-BPD0036	Buss Plug Disconnect, Room 222
4481-BPD0037	Buss Plug Disconnect, Room 222
4481-BPD0038	Buss Plug Disconnect, Room 222
4481-CBP0001	Circuit Breaker Panel, Room 300B, E-14
4481-CBP0002	Circuit Breaker Panel, Room 333, E-12
4481-CBP0003	Circuit Breaker Panel, Room 603A, Attic Above
4481-CBP0004	Circuit Breaker Panel, Room 526B
4481-CBP0005	Circuit Breaker Panel, Room 526A
4481-CBP0006	Circuit Breaker Panel, Room E-01
4481-CBP0009	Circuit Breaker Panel, Room 500
4481-CBS0001	Circuit Breaker Starter, Room 318, E-07
4481-CBS0002	Circuit Breaker Starter, Room 371

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-CHWP0001	Chill Water Pump, Rm 300/Rm E04 - Disconnect in room E4
4481-CHWP0002	Chill Water Pump, Rm 300A/Rm E03 - Disconnect in room E3
4481-CHWP0003	Chill Water Pump, Rm 300A/Rm E03 - Disconnect in room E3
4481-CNDP0001	Condensate Pump, Rm 125/Rm E01 - Disconnect room E1
4481-CNDP0002	Condensate Pump, Rm 125/Rm E01 - Disconnect room E1
4481-CNDP0003	Condensate Pump, Rm 300/Rm E04 - Disconnect in room E4
4481-CNDP0004	Condensate Pump, Rm 300/Rm E04 - Disconnect in room E4
4481-CNDP0005	Condensate Pump, Rm 262/Rm E06 - Disconnect in room E6
4481-CNDP0006	Condensate Pump, Rm 262/Rm E06 - Disconnect in room E6
4481-CNDP0007	Condensate Pump, Rm 318K/Rm E07 - Disconnect in room E7
4481-CNDP0008	Condensate Pump, Rm 318K/Rm E07 - Disconnect in room E7
4481-CNDP0009	Condensate Pump, Rm 368E/Rm E08 - Disconnect in room E8
4481-CNDP0010	Condensate Pump, Rm 368E/Rm E08 - Disconnect in room E8
4481-CNDP0011	Condensate Pump, Rm 399/Rm E10 - Disconnect in room E10
4481-CNDP0012	Condensate Pump, Rm 518/Rm E09 - Disconnect in room E9
4481-CNDP0013	Condensate Pump, Rm 518/Rm E09 - Disconnect in room E9
4481-COIL001A	Chilled Water Coil, AH0001, Rm 125/E-1
4481-COIL001B	Hot Water/Steam Coil, AH0001, Rm 125/E-1
4481-CONT0001	Contactor, Room 301, E-11
4481-CONT0003	Contactor, Room 603A, E-18
4481-CRU0001	Computer Room Unit, Rm 247, Overhead - Disconnect at unit
4481-CRU0003	Computer Room Unit, Rm 320 - Disconnect at unit
4481-CRU0006	Computer Room Unit, Rm 300A/Rm E03 - Disconnect in room E3
4481-CRU0009	Computer Room Unit, Rm 502 - Disconnect at unit
4481-DOOR0001	Roll-Up Door, East Side - Disconnect at door
4481-DOOR0002	Electric Assisted Door, Rm 440
4481-DXAC0001	Direct Expansion AC Unit, Rm 325 - Disconnect at unit
4481-DXAC0002	Direct Expansion AC Unit, Rm 435 - Disconnect at unit
4481-DXAC0003	Direct Expansion AC Unit, Rm 300A/Rm E03 - Disconnect in room E3 - REMOVED FROM PM
4481-DXAC0004	Air Cond Pkg, Room 506A
4481-EAF0001	Exhaust Blower Fan, Rm 351, Overhead - Disconnect at fan motor
4481-EW0001	Safety Eyewash, Rm 226 - REMOVED FROM PM PER K PRIMM 6/4/07
4481-EW0011	Safety Eyewash, Rm 261 - REMOVED FROM K PRIMM 6/4/07
4481-EW0012	Safety Eyewash, Rm 407 - REMOVED FROM PM PER K PRIMM 6/4/07
4481-FAN0002	Booster Fan, Over Rooms 265 and 267 - Disconnect at fan
4481-FAN0003	Booster Fan, Over Rooms 261 and 262 - Disconnect at fan
4481-FAS0001	Fire Alarm System, Southeast Entrance
4481-FID0001	Field Interface Device, Rm 300A/ E-03
4481-FID0002	Field Interface Device, Rm 318K/ E-07
4481-GEN0001	Emergency Generator, East Outside
4481-GEN0002	Emergency Generator, North Outside
4481-HST0001	1/2-Ton Chain Hoist, Rm 215
4481-HST0002	500 Lb. Electric Hoist, Rm 526, Transferred to NSSTC 10/03 - Disconnect at SOUTH FRAME
4481-HST0003	1-Ton Electric Hoist, Rm 357 - Disconnect at ON A-FRAME
4481-HST0004	1/2-Ton Electric Hoist, Ramp, Outside North - Disconnect at WEST LEG TOWER
4481-HST0005	2-Ton Electric Hoist, East End, High Bay, Rm 600 - Disconnect at SOUTH WALL
4481-HST0006	1/2-Ton Manual Chain Hoist, Rm 267
4481-HUM0001	Humidifier, Rm 520A - Disconnect at unit
4481-HUM0002	Humidifier, Rm 520A - Disconnect at unit
4481-HUM0003	Humidifier, Rm 520A - Disconnect at unit
4481-HUM0004	Humidifier, Rm 520A - Disconnect at unit
4481-HWHD0001	Hot Water Heater, Domestic, Across from Rm 301 - Disconnect at heater
4481-HWHD0002	Hot Water Heater, Domestic, Rm 318K/Rm E07 - Disconnect at heater

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-HWHD0003	Hot Water Heater, Domestic, Rm 351B - Disconnect at heater
4481-HWHD0004	Hot Water Heater, Domestic, Next to Rm 321 - Disconnect at heater
4481-HWHD0005	Hot Water Heater, Domestic, Next to Rm 321 - Disconnect at heater
4481-HWHD0006	Hot Water Heater, Domestic, Rm 441 - Disconnect at heater
4481-HWHD0007	Hot Water Heater, Domestic, Rm 411 - Disconnect at heater
4481-HWHD0009	Hot Water Heater, Domestic, Rm 125/Rm E01 - Disconnect room E1
4481-HWHD0010	Hot Water Heater, Domestic, Rm 506A - Disconnect in room 506A
4481-HWP0001	Hot Water Pump, Rm 125/Rm E01 - Disconnect in room E1
4481-HWP0002	Hot Water Pump, Rm 300/Rm E04 - Disconnect in room E4
4481-HWP0003	Hot Water Pump, Rm 300A/Rm E03 - Disconnect in room E3
4481-HWP0004	Hot Water Pump, Rm 300A/Rm E03 - Disconnect in room E3
4481-HWP0005	Hot Water Pump, Rm 518/Rm E09 - Disconnect in room E9
4481-HWP0006	Hot Water Pump, Rm rm 506A - Disconnect in room 506A
4481-HWP0007	Hot Water Pump, Rm 318K/Rm E07 - Disconnect in room E7
4481-HWP0008	Hot Water Pump, Rm 300/Rm E04 - Disconnect in room E4
4481-ICE0001	Ice MacHine, Rm 248C
4481-LTS0001	Emergency Lighting - Dry Cell, Hall, Near Rm 507
4481-LTS0002	Emergency Lighting - Dry Cell, Hall, Near Rm 411
4481-LTS0003	Emergency Lighting - Dry Cell, Hall, Near Rm 317A
4481-LTS0004	Emergency Lighting - Dry Cell, Hall, Near Rm 248B
4481-LTS0005	Emergency Lighting - Dry Cell, Hall, Near Rm 306
4481-LTS0006	Emergency Lighting - Dry Cell, Rm 305, E. Wall
4481-LTS0007	Emergency Lighting - Dry Cell, Hall, Near Rm 382
4481-LTS0008	Emergency Lighting - Dry Cell, Hall, Near Rm 262
4481-LTS0009	Emergency Lighting - Dry Cell, Hall, Near Rm 436
4481-LTS0010	Emergency Lighting - Dry Cell, Hall, Near Rm 442
4481-LTS0011	Emergency Lighting - Dry Cell, Hall, Near Rm 516A
4481-LTS0012	Emergency Lighting - Dry Cell, Room 202
4481-LTS0013	Emergency Lighting - Dry Cell, Hall, Near Rm 516
4481-LTS0014	Emergency Lighting - Dry Cell, Hall, Near Rm 422
4481-LTS0015	Emergency Lighting - Dry Cell, Hall, Near Rm 113
4481-LTS0016	Emergency Lighting - Dry Cell, Room 113
4481-LTS0017	Emergency Lighting - Dry Cell, Hall, Near Rm 210
4481-LTS0018	Emergency Light, Room 229, E-05
4481-LTS0019	Emergency Light, Room 236, Lab
4481-LTS0020	Emergency Light, Room 236A, Lab
4481-LTS0021	Emergency Light, Room 236B, Lab
4481-LTS0022	Emergency Light, Room 377, Lab
4481-LTS0023	Emergency Light, Room 373E, Clean Rm.
4481-LTS0024	Emergency Light, Room 261, Lab
4481-LTS0025	Emergency Light, Room 377, Lab
4481-LTS0026	Emergency Light, Room 265, Lab
4481-LTS0027	Emergency Light, Room 267, Lab
4481-LTS0028	Emergency Light, Room 375B, Lab
4481-LTS0029	Emergency Light, Room 300, E-04
4481-LTS0030	Emergency Light, Room 300A, E-03
4481-LTS0031	Emergency Light, Room 302
4481-LTS0032	Emergency Light, Room 303
4481-LTS0033	Emergency Light, Room 306B
4481-LTS0034	Emergency Light, Room 330
4481-LTS0035	Emergency Light, Room 359, Lab, E. Wall
4481-LTS0036	Emergency Light, Room 359, Lab, W. Wall
4481-LTS0037	Emergency Light, Room 361, Lab

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-LTS0038	Emergency Light, Room 363A, Lab
4481-LTS0039	Emergency Light, Room 363, Lab
4481-LTS0040	Emergency Light, Room 365
4481-LTS0041	Emergency Light, Room 367
4481-LTS0042	Emergency Light, Room 371, Lab
4481-LTS0043	Emergency Light, Room 371C
4481-LTS0044	Emergency Light, Room 373, Lab
4481-LTS0045	Emergency Light, Room 375, Lab
4481-LTS0046	Emergency Light, Room 375A
4481-LTS0047	Emergency Light, Room 377
4481-LTS0048	Emergency Light, Room 377
4481-LTS0049	Emergency Light, Hall At Room 330B
4481-LTS0050	Emergency Light, Room 330A
4481-LTS0051	Emergency Light, Room 318H
4481-LTS0052	Emergency Light, Room 365
4481-LTS0053	Emergency Light, Room 520A, E-17
4481-LTS0054	Emergency Light, Room 520A, E-17
4481-LTS0055	Emergency Light, Room 500, Mach. Shop
4481-LTS0056	Emergency Light, Room 508, Lab
4481-LTS0057	Emergency Light, Room 506, Lab
4481-LTS0058	Emergency Light, Room 516, Lab
4481-LTS0059	Emergency Light, Room 504, Lab
4481-LTS0060	Emergency Light, Room 526, Back Rm.
4481-LTS0061	Emergency Light, Room 420
4481-LTS0062	Emergency Light, Room 435
4481-LTS0063	Emergency Light, Room 427
4481-LTS0064	Emergency Light, Room 411, Lab
4481-LTS0065	Emergency Light, Room 413, Lab
4481-LTS0066	Emergency Light, Room 369
4481-LTS0067	Emergency Light, Room E-01
4481-MCC0001	Motor Control Center, Rm 300/ E-04
4481-MCC0002	Motor Control Center, Rm 300A/ E-03
4481-ODT0001	Oxygen Detection System, In Hallway Near Rm 319
4481-ODT0002	Oxygen Detection System, High Bay, East End, Rm 526B
4481-ODT0003	Oxygen Detection System, Rm 318, REMOVED 2/3/05
4481-ODT0004	Oxygen Detection System, Hallway by Rm 230
4481-ODT0005	Oxygen Detection System, Rm 236
4481-PNL0001	Panel Board, Hallway Outside Rm 367
4481-PNL0002	Panel Board, Hallway Outside Rm 365
4481-PNL0003	Panel Board, Hallway Outside Rm 363
4481-PNL0004	Panel Board, Hallway Outside Rm 363
4481-PNL0005	Panel Board, Room 361
4481-PNL0006	Panel Board, Hallway Outside Rm 359
4481-PNL0007	Panel Board, Room 357B
4481-PNL0008	Panel Board, Hallway Outside Rm 265
4481-PNL0009	Panel Board, Hallway Outside Rm 261A
4481-PNL0010	Panel Board, Hallway Outside Rm 261A
4481-PNL0011	Panel Board, Hallway Outside Rm 259
4481-PNL0012	Panel Board, Room 236
4481-PNL0013	Panel Board, Room 248D
4481-PNL0014	Panel Board, Room 248D
4481-PNL0015	Panel Board, Hallway Near Rm 110
4481-PNL0016	Panel Board, Hallway Near Rm 110

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4481-PNL0017	Panel Board, Room 225, Pipe Chase
4481-PNL0018	Panel Board, Room 330A
4481-PNL0019	Panel Board, Room 330A
4481-PNL0020	Panel Board, Rm 318/ E-07
4481-PNL0021	Panel Board, Rm 318/ E-07
4481-PNL0022	Panel Board, Rm 318/ E-07
4481-PNL0023	Panel Board, Rm 318/ E-07
4481-PNL0024	Panel Board, Rm 318/ E-07
4481-PNL0025	Panel Board, Rm 318/ E-07
4481-PNL0026	Panel Board, Rm 125/ E-01
4481-PNL0027	Panel Board, Rm 518/ E-09
4481-PNL0028	Panel Board, Rm 259
4481-PNL0029	Panel Board, Room 259
4481-PNL0030	Panel Board, Room 259
4481-PNL0031	Panel Board, Room 259
4481-PNL0032	Panel Board, Room 261
4481-PNL0033	Panel Board, Room 263
4481-PNL0034	Panel Board, Room 265
4481-PNL0035	Panel Board, Room 267
4481-PNL0036	Panel Board, Room 371
4481-PNL0037	Panel Board, Room 373
4481-PNL0038	Panel Board, Rm 438B, E-13
4481-PNL0039	Panel Board, Rm 438B, E-13
4481-PNL0040	Panel Board, Room 526A
4481-PNL0041	Panel Board, Room 526B
4481-PNL0042	Panel Board, Room 526B
4481-PNL0043	Panel Board, Room 415
4481-PNL0044	Panel Board, Room 405
4481-PNL0045	Panel Board, Room 411, Rear Area
4481-PNL0046	Panel Board, Room 413
4481-PNL0047	Panel Board, Room 500
4481-PNL0048	Panel Board, Room 500
4481-PNL0049	Panel Board, Room 508
4481-PNL0050	Panel Board, Room 306B
4481-PNL0051	Panel Board, Room 330E
4481-PNL0052	Panel Board, Room 321
4481-PNL0053	Panel Board, Room 423A
4481-PNL0054	Panel Board, Hallway Outside Rm 215A
4481-PNL0055	Panel Board, Room 215B
4481-PNL0056	Panel Board, Hallway Outside Rm 221
4481-PNL0057	Panel Board, Room 220
4481-PNL0058	Panel Board, Room 236B
4481-PNL0059	Panel Board, Room 236B
4481-PNL0060	Panel Board, Room 222
4481-PNL0061	Panel Board, Hallway Outside Rm 226
4481-PNL0062	Panel Board, Room 230
4481-PNL0063	Panel Board, Hallway Outside Rm 302
4481-PNL0064	Panel Board, Rm 300B/ E-14
4481-PNL0065	Panel Board, Rm 300B/ E-14
4481-PNL0066	Panel Board, Rm 300B/ E-14
4481-PNL0067	Panel Board, Rm 300B/ E-14
4481-PNL0068	Panel Board, Rm 300A/ E-03
4481-PNL0069	Panel Board, Room 303

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-PNL0070	Panel Board, Room 303
4481-PNL0071	Panel Board, Room 305
4481-PNL0072	Panel Board, Room 307A
4481-PNL0073	Panel Board, Room 318
4481-PNL0074	Panel Board, Room 318
4481-PNL0075	Panel Board, Room 318
4481-PNL0076	Panel Board, Room 318
4481-PNL0077	Panel Board, Room 318
4481-PNL0078	Panel Board, Room 322
4481-PNL0079	Panel Board, Hallway, Near Rm 327
4481-PNL0080	Panel Board, Hallway, Near Rm 327
4481-PNL0081	Panel Board, Hallway, Near Rm 400
4481-PNL0082	Panel Board, Room 402
4481-PNL0083	Panel Board, Room 402
4481-PNL0084	Panel Board, Room 402B
4481-PNL0085	Panel Board, Hallway, Near Rm 407
4481-PNL0086	Panel Board, Hallway Near Rm 411
4481-PNL0087	Panel Board, Hallway Near Rm 411
4481-PNL0088	Panel Board, Hallway Near Rm 501
4481-PNL0089	Panel Board, Hallway Near Rm 501
4481-PNL0090	Panel Board, Hallway Near Rm 501
4481-PNL0091	Panel Board, Hallway Near Rm 502
4481-PNL0092	Panel Board, Hallway Near Rm 507
4481-PNL0093	Panel Board, Hallway Near Rm 507
4481-PNL0094	Panel Board, Hallway Near Rm 507
4481-PNL0095	Panel Board, Hallway Near Rm 507
4481-PNL0096	Panel Board, Room 511
4481-PNL0097	Panel Board, Hallway Near Rm 419B
4481-PNL0098	Panel Board, Room 420
4481-PNL0099	Panel Board, Hallway Near Rm 422A
4481-PNL0100	Panel Board, Hallway Near Rm 422A
4481-PNL0101	Panel Board, Hallway Near Rm 604
4481-PNL0102	Panel Board, Hallway Near Rm 434
4481-PNL0103	Panel Board, Room 435
4481-PNL0104	Panel Board, Room 435
4481-PNL0105	Panel Board, Room 435
4481-PNL0106	Panel Board, Room 516B
4481-PNL0107	Panel Board, Room 520A, E-17
4481-PNL0108	Panel Board, Rm 399/ E-10
4481-PNL0109	Panel Board, Hallway Near Rm 373
4481-PNL0110	Panel Board, Hallway Near Rm 373
4481-PNL0111	Panel Board, Hallway Near Rm 373
4481-PNL0112	Panel Board, Room 367
4481-PNL0113	Panel Board, Room 367
4481-PNL0114	Panel Board, Room 500
4481-PNL0116	Panel Board, Room 330D
4481-PNL0119	Panel Board, Hallway Near Room 226
4481-PNL0120	Panel Board, Room 300B, E-14
4481-PNL0122	Panel Board, Room 318B
4481-PNL0123	Panel Board, Room 318B
4481-PNL0124	Panel Board, Room 326
4481-PNL0125	Panel Board, Room 326A
4481-PNL0126	Panel Board, Room 222

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-PWRC0001	Power Conditioner, Room 300, E-04
4481-PWRC0002	Power Conditioner, Room 318, E-07
4481-ROOF0001	Roof, Main, Bldg 4481
4481-ROOF0002	Roof, West, Bldg 4481
4481-ROOF0003	Roof, East & South, Bldg 4481
4481-ROOF0004	Roof, North, Bldg 4481
4481-SAF0001	Supply Air Fan, Above Rm 351L Serves Rm E-11 Rm 301 - Disconnect in room E11
4481-SH0001	Safety Shower, Outside North - REMOVED FROM PM
4481-SH0005	Handheld Emergency Drench Unit, Rm 236 - REMOVED FROM PM
4481-SHEW0001	Safety Shower & Eyewash, Rm 504 - REMOVED FROM PM PER
4481-SHEW0002	Safety Shower & Eyewash, Rm 263 West Wall - REMOVED FROM PM PER
4481-SHEW0003	Safety Shower & Eyewash, Rm 259 - REMOVED FROM PM PER
4481-SPMP001A	Sump Pump, Rm 301A/Rm E02 - Disconnect room E2
4481-SPMP001B	Sump Pump, Rm 301A/Rm E02 - Disconnect room E2
4481-SPR0001	Sprinkler System, Rm 262/Rm E06
4481-SPR0002	Sprinkler System, Rm 368E/Rm E08
4481-SPR0003	Sprinkler System, Rm 518/Rm E09
4481-SS0001	Safety Switch, Room 215, Center Column
4481-SS0002	Safety Switch, Room 215, Center Column
4481-SS0003	Safety Switch, Room 215, S. Wall
4481-SS0004	Safety Switch, Room 215, S. Wall
4481-SS0005	Safety Switch, Room 215, S. Wall
4481-SS0006	Safety Switch, Room 220, S. Wall
4481-SS0007	Safety Switch, Room 220, S. Wall
4481-SS0008	Safety Switch, Room 229, E-05
4481-SS0009	Safety Switch, Room 229, E-05
4481-SS0010	Safety Switch, Room 230
4481-SS0011	Safety Switch, Room 300, E-04
4481-SS0012	Safety Switch, Room 300, E-04
4481-SS0013	Safety Switch, Room 300, E-04
4481-SS0014	Safety Switch, Room 300, E-04
4481-SS0015	Safety Switch, Room 300, E-04
4481-SS0016	Safety Switch, Room 300, E-04
4481-SS0017	Safety Switch, Room 300, E-04
4481-SS0018	Safety Switch, Room 300, E-04
4481-SS0019	Safety Switch, Room 300, E-04
4481-SS0020	Safety Switch, Room 300, E-04
4481-SS0021	Safety Switch, Room 300, E-04
4481-SS0022	Safety Switch, Room 300, E-04
4481-SS0023	Safety Switch, Room 300B, E-14
4481-SS0024	Safety Switch, Room 300B, E-14
4481-SS0025	Safety Switch, Room 300B, E-14
4481-SS0026	Safety Switch, Room 300B, E-14
4481-SS0027	Safety Switch, Room 300B, E-14
4481-SS0028	Safety Switch, Room 300B, E-14
4481-SS0029	Safety Switch, Room 300B, E-14
4481-SS0030	Safety Switch, Room 300B, E-14
4481-SS0031	Safety Switch, Room 300B, E-14
4481-SS0032	Safety Switch, Room 300A, E-03
4481-SS0033	Safety Switch, Room 300A, E-03
4481-SS0034	Safety Switch, Room 300A, E-03
4481-SS0035	Safety Switch, Room 300A, E-03
4481-SS0036	Safety Switch, Room 318B, N. Wall Closet

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-SS0037	Safety Switch, Room 318B, N.Wall Closet
4481-SS0038	Safety Switch, Room 306A, Attic Area
4481-SS0039	Safety Switch, Room 306A
4481-SS0040	Safety Switch, Room 324
4481-SS0041	Safety Switch, Room 324
4481-SS0042	Safety Switch, Room 330
4481-SS0043	Safety Switch, Room 330E
4481-SS0044	Safety Switch, Room 330E
4481-SS0045	Safety Switch, Room 325, E-24
4481-SS0046	Safety Switch, Room 325, E-24
4481-SS0047	Safety Switch, Room 325, E-24
4481-SS0048	Safety Switch, Hall At Room 327
4481-SS0049	Safety Switch, Room 402
4481-SS0050	Safety Switch, Room 402B
4481-SS0051	Safety Switch, Room 402B
4481-SS0052	Safety Switch, Room 402
4481-SS0053	Safety Switch, Room 409
4481-SS0054	Safety Switch, Room 411
4481-SS0055	Safety Switch, Hall At Room 501
4481-SS0056	Safety Switch, Room 502A
4481-SS0057	Safety Switch, Room 502A
4481-SS0058	Safety Switch, Room 511
4481-SS0059	Safety Switch, Room 511
4481-SS0060	Safety Switch, Room 509
4481-SS0061	Safety Switch, Hall At Room 411
4481-SS0062	Safety Switch, Hall At Room 411
4481-SS0063	Safety Switch, Hall At Room 411
4481-SS0064	Safety Switch, Hall At Room 411
4481-SS0065	Safety Switch, Hall At Room 411
4481-SS0066	Safety Switch, Hall At Room 411
4481-SS0067	Safety Switch, Hall At Room 411
4481-SS0068	Safety Switch, Hall At Room 411
4481-SS0069	Safety Switch, Hall At Room 411
4481-SS0070	Safety Switch, Hall At Room 411
4481-SS0071	Safety Switch, Hall At Room 411
4481-SS0072	Safety Switch, Hall At Room 411
4481-SS0073	Safety Switch, Hall At Room 411
4481-SS0074	Safety Switch, Hall At Room 411
4481-SS0075	Safety Switch, Hall At Room 411
4481-SS0076	Safety Switch, Hall At Room 411
4481-SS0077	Safety Switch, Hall At Room 411
4481-SS0078	Safety Switch, Hall At Room 411
4481-SS0079	Safety Switch, Hall At Room 411
4481-SS0080	Safety Switch, Hall At Room 411
4481-SS0081	Safety Switch, Hall At Room 411
4481-SS0082	Safety Switch, Hall At Room 411
4481-SS0083	Safety Switch, Hall At Room 411
4481-SS0084	Safety Switch, Room 333, E-12
4481-SS0085	Safety Switch, Room 406
4481-SS0086	Safety Switch, Room 405
4481-SS0087	Safety Switch, Room 407
4481-SS0088	Safety Switch, Room 351B
4481-SS0089	Safety Switch, Room 301, E-11

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-SS0090	Safety Switch, Room 301, E-11
4481-SS0091	Safety Switch, Room 301, E-11
4481-SS0092	Safety Switch, Room 225, Pipe Chase
4481-SS0093	Safety Switch, Room 225, Pipe Chase
4481-SS0094	Safety Switch, Room 225, Pipe Chase
4481-SS0095	Safety Switch, Room 225, Pipe Chase
4481-SS0096	Safety Switch, Room 225, Pipe Chase
4481-SS0097	Safety Switch, Room 248C
4481-SS0098	Safety Switch, Room 248C
4481-SS0099	Safety Switch, Room 262, E-06
4481-SS0100	Safety Switch, Room 262, E-06
4481-SS0101	Safety Switch, Room 261
4481-SS0102	Safety Switch, Room 261
4481-SS0103	Safety Switch, Room 263A
4481-SS0104	Safety Switch, Room 263A
4481-SS0105	Safety Switch, Room 263A
4481-SS0106	Safety Switch, Room 263A
4481-SS0107	Safety Switch, Room 265
4481-SS0108	Safety Switch, Room 265
4481-SS0109	Safety Switch, Room 265
4481-SS0110	Safety Switch, Room 265
4481-SS0111	Safety Switch, Room 265
4481-SS0112	Safety Switch, Room 265
4481-SS0113	Safety Switch, Room 265
4481-SS0114	Safety Switch, Room 267
4481-SS0115	Safety Switch, Room 357B
4481-SS0116	Safety Switch, Room 357B
4481-SS0117	Safety Switch, Room 357B
4481-SS0118	Safety Switch, Room 357B
4481-SS0119	Safety Switch, Room 357C
4481-SS0120	Safety Switch, Room 359
4481-SS0121	Safety Switch, Room 363A
4481-SS0122	Safety Switch, Room 368, E-08
4481-SS0123	Safety Switch, Room 367
4481-SS0124	Safety Switch, Room 435
4481-SS0125	Safety Switch, Room 518, E-09
4481-SS0126	Safety Switch, Room 518, E-09
4481-SS0127	Safety Switch, Room 518, E-09
4481-SS0128	Safety Switch, Room 520A, E-17
4481-SS0129	Safety Switch, Room 526B
4481-SS0130	Safety Switch, Room 526B
4481-SS0131	Safety Switch, Room 526B
4481-SS0132	Safety Switch, Room 526B
4481-SS0133	Safety Switch, Room 526B
4481-SS0134	Safety Switch, Room 526B
4481-SS0135	Safety Switch, Room 526B
4481-SS0136	Safety Switch, Room 526B
4481-SS0137	Safety Switch, Room 526B
4481-SS0138	Safety Switch, Room 526B, Back Rm
4481-SS0139	Safety Switch, Room 526B, Back Rm
4481-SS0140	Safety Switch, Room 526B, Back Rm
4481-SS0141	Safety Switch, Room 526B, Back Rm
4481-SS0142	Safety Switch, Room 371

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4481-SS0143	Safety Switch, Room 330A
4481-SS0144	Safety Switch, Room 330A
4481-SS0145	Safety Switch, Room 330A
4481-SS0146	Safety Switch, Room 330A
4481-SS0147	Safety Switch, Room 330B
4481-SS0148	Safety Switch, Room 330B
4481-SS0149	Safety Switch, Room 329
4481-SS0150	Safety Switch, Room 318, E-07
4481-SS0151	Safety Switch, Room 318, E-07
4481-SS0152	Safety Switch, Room 318, E-07
4481-SS0153	Safety Switch, Room 318, E-07
4481-SS0154	Safety Switch, Room 423A
4481-SS0155	Safety Switch, Room 371
4481-SS0156	Safety Switch, Room 371
4481-SS0157	Safety Switch, Room 371C
4481-SS0158	Safety Switch, Room 500
4481-SS0159	Safety Switch, Room 500
4481-SS0160	Safety Switch, Room 500
4481-SS0161	Safety Switch, Room 427
4481-SS0162	Safety Switch, Room E-10
4481-SS0163	Safety Switch, Room E-10
4481-SS0164	Safety Switch, Room E-10
4481-SS0165	Safety Switch, Room E-10
4481-SS0166	Safety Switch, Room E-10
4481-SS0167	Safety Switch, Room E-10
4481-SS0168	Safety Switch, Room E-10
4481-SS0169	Safety Switch, Room E-13
4481-SS0170	Safety Switch, Room E-13
4481-SS0171	Safety Switch, Room E-13
4481-SS0172	Safety Switch, Room E-13
4481-SS0173	Safety Switch, Room E-13
4481-SS0174	Safety Switch, Room E-13
4481-SS0175	Safety Switch, Room E-13
4481-SS0176	Safety Switch, Room E-13
4481-SS0177	Safety Switch, Room E-13
4481-SS0178	Safety Switch, Room E-13
4481-SS0179	Safety Switch, Room 330D
4481-SS0180	Safety Switch, Room 330D
4481-SS0181	Safety Switch, Room 301B, E-02A
4481-SS0182	Safety Switch, Room 301B, E-02A
4481-SS0183	Safety Switch, Room 301B, E-02A
4481-SS0184	Safety Switch, Room 301B, E-02A
4481-SS0185	Safety Switch, Room 301B, E-02A
4481-SS0186	Safety Switch, Room 301B, E-02A
4481-SS0187	Safety Switch, Room 301B, E-02A
4481-SS0188	Safety Switch, Room 301B, E-02A
4481-SS0189	Safety Switch, Room 301B, E-02A
4481-SS0190	Safety Switch, Room 301B, E-02A
4481-SS0191	Safety Switch, Room 301B, E-02A
4481-SS0192	Safety Switch, Room 301B, E-02A
4481-SS0193	Safety Switch, Room 301B, E-02A
4481-SS0194	Safety Switch, Room 301B, E-02A
4481-SS0195	Safety Switch, Room 301B, E-02A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-SS0196	Safety Switch, Room 301B, E-02A
4481-SS0197	Safety Switch, High Bay W.Side
4481-SS0198	Safety Switch, Room 301B, E-02A
4481-SS0199	Safety Switch, Room 301B, E-02A, Basement
4481-SS0200	Safety Switch, Room 301B, E-02A, Basement
4481-SS0201	Safety Switch, N. Yard, Loading Dock
4481-SS0202	Safety Switch, N. Yard, Loading Dock
4481-SS0203	Safety Switch, N. Yard, Loading Dock
4481-SS0204	Safety Switch, N. Yard, Loading Dock
4481-SS0205	Safety Switch, Room E-01
4481-SS0206	Safety Switch, Room E-01
4481-SS0207	Safety Switch, Room E-01
4481-SS0208	Safety Switch, Room E-01
4481-SS0209	Safety Switch, Room 320
4481-SS0210	Safety Switch, Room E-02
4481-SS0211	Safety Switch, Room E-02
4481-SS0212	Safety Switch, Room E-02
4481-SS0213	Safety Switch, Room E-02
4481-SS0214	Safety Switch, Room E-02
4481-SS0215	Safety Switch, Room 330A
4481-SS0216	Safety Switch, Room 526A
4481-SS0217	Safety Switch, Room 526A
4481-SS0218	Safety Switch, Room 526A
4481-SS0219	Safety Switch, Room 526A
4481-SS0220	Safety Switch, E. Yard For Generator
4481-SS0221	Safety Switch, E. Yard For Airconditioner
4481-SS0222	Safety Switch, Pipe Chase, Rm 330 To E-07
4481-SS0223	Safety Switch, Pipe Chase, Rm 330 To E-07
4481-SS0224	Safety Switch, Pipe Chase, Rm 330 To E-07
4481-SS0225	Safety Switch, Pipe Chase, Rm 330 To E-07
4481-SS0226	Safety Switch, Room 318I
4481-SS0227	Safety Switch, Room 318I
4481-SS0228	Safety Switch, Room 318J
4481-SS0229	Safety Switch, Room 318J
4481-SS0230	Safety Switch, Room 318J
4481-SS0231	Safety Switch, Room 318I
4481-SS0232	Safety Switch, Attic Above Rm 367
4481-SS0233	Safety Switch, Room 603A, E-18
4481-SS0234	Safety Switch, Room 603A, E-18
4481-SS0235	Safety Switch, Room 603A, E-18
4481-SS0236	Safety Switch, Room 603A, E-18
4481-SS0237	Safety Switch, Room 603A, Attic Area
4481-SS0238	Safety Switch, N. Yard, Wall Fan
4481-SS0239	Safety Switch, Attic Area Above Rm 302A
4481-SS0240	Safety Switch, Attic Area Above Rm 408
4481-SS0241	Safety Switch, Attic Area Above Rm 407
4481-SS0242	Safety Switch, Attic Area Above Rm 501
4481-SS0243	Safety Switch, Roof Area
4481-SS0244	Safety Switch, Roof Area
4481-SS0245	Safety Switch, Roof Area
4481-SS0246	Safety Switch, Roof Area
4481-SSS0001	Starter Safety Switch, Room 303B
4481-SSS0002	Starter Safety Switch, Room 301, E-11

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-SSS0003	Starter Safety Switch, Room 262, E-06
4481-SSS0004	Starter Safety Switch, Room 262, E-06
4481-SSS0005	Starter Safety Switch, Room 261
4481-SSS0006	Starter Safety Switch, Room 363A
4481-SSS0007	Starter Safety Switch, Room 368, E-08
4481-SSS0008	Starter Safety Switch, Room 518, E-09
4481-SSS0009	Starter Safety Switch, Room 518, E-09
4481-SSS0010	Starter Safety Switch, Room 520A, E-17
4481-SSS0011	Starter Safety Switch, Room 371
4481-SSS0012	Starter Safety Switch, Room 318, E-07
4481-SSS0013	Starter Safety Switch, Room 318, E-07
4481-SSS0014	Starter Safety Switch, Room 318, E-07
4481-SSS0015	Starter Safety Switch, Room 318, E-07
4481-SSS0016	Starter Safety Switch, Room 228B
4481-SSS0017	Starter Safety Switch, Room 228B
4481-SSS0018	Starter Safety Switch, Room 222, Lab
4481-SSS0019	Starter Safety Switch, Room 301B, E-02A
4481-STRT0001	Starter, Room 215
4481-STRT0002	Starter, Room 215
4481-STRT0003	Starter, Room 300, E-04
4481-STRT0004	Starter, Room 300, E-04
4481-STRT0005	Starter, Room 300, E-04
4481-STRT0006	Starter, Room 300A, E-03
4481-STRT0007	Starter, Room 300A, E-03
4481-STRT0008	Starter, Room 402B
4481-STRT0009	Starter, Hall At Room 411
4481-STRT0010	Starter, Room 405
4481-STRT0011	Starter, Room 351B
4481-STRT0012	Starter, Room 225, Pipe Chase
4481-STRT0013	Starter, Room 225, Pipe Chase
4481-STRT0014	Starter, Room 262, E-06
4481-STRT0015	Starter, Room 262, E-06
4481-STRT0016	Starter, Room 262, E-06
4481-STRT0017	Starter, Room 262, E-06
4481-STRT0018	Starter, Room 262, E-06
4481-STRT0019	Starter, Room 262, E-06
4481-STRT0020	Starter, Room 368, E-08
4481-STRT0021	Starter, Room 518, E-09
4481-STRT0022	Starter, Room 518, E-09
4481-STRT0023	Starter, Room 518, E-09
4481-STRT0024	Starter, Room 518, E-09
4481-STRT0025	Starter, Room 506
4481-STRT0026	Starter, Room E-11
4481-STRT0027	Starter, Room E-10
4481-STRT0028	Starter, Room 371C
4481-STRT0029	Starter, Room 300A
4481-STRT0030	Starter, Room 369A
4481-STRT0031	Starter, Room 301B, E-02A
4481-STRT0032	Starter, Room 301B, E-02A
4481-STRT0033	Starter, Room 301B, E-02A
4481-STRT0034	Starter, Room 301B, E-02A
4481-STRT0035	Starter, Room 301B, E-02A
4481-STRT0036	Starter, Room 301B, E-02A

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4481-STRT0037	Starter, Room 301B, E-02A
4481-STRT0038	Starter, Room 301B, E-02A
4481-STRT0039	Starter, Room 301B, E-02A
4481-STRT0040	Starter, Room 301B, E-02A
4481-STRT0041	Starter, Room 301B, E-02A
4481-STRT0042	Starter, Room 301B, E-02A
4481-STRT0043	Starter, Room 301B, E-02A
4481-STRT0044	Starter, Room 301B, E-02A
4481-STRT0045	Starter, N. Yard, Loading Dock
4481-STRT0046	Starter, N. Yard, Loading Dock
4481-STRT0047	Starter, Room E-01
4481-STRT0048	Starter, Room E-01
4481-STRT0049	Starter, Room E-01
4481-STRT0050	Starter, Room E-01
4481-STRT0051	Starter, Room E-01
4481-STRT0052	Starter, Room E-01
4481-STRT0053	Starter, Room E-02
4481-STRT0054	Starter, Room E-02
4481-STRT0055	Starter, Room E-02
4481-STRT0056	Starter, Room E-02
4481-STRT0057	Starter, Room 526A
4481-STRT0058	Starter, Room 318I
4481-STRT0059	Starter, Room 318I
4481-STRT0060	Starter, Hall At Room 500
4481-STRT0061	Starter, Room 507
4481-SUB0001	Substation, NW Corner Outside
4481-SWGR0001	Switch Gear, Rm 333, E-12
4481-TMR0002	Timer, Room 368, E-08
4481-TMR0003	Timer, Room 518, E-09
4481-TMR0004	Timer, Room 262, E-06
4481-TMR0005	Timer, Room 318, E-07
4481-TMR0006	Timer, Room 318, E-07
4481-TMR0008	Timer, Room E-01
4481-TRP0001	Steam Trap, Steam Station Rm 300A/E-3 (006-00001)
4481-TRP0002	Steam Trap, Steam Station Rm 300A/E-3 (006-00002)
4481-TRP0003	Steam Trap, Steam Station Rm 300A/E-3 (006-00003)
4481-TRP0003	Steam Trap, Steam Station Rm 300A/E-3 (006-00003)
4481-TRP0004	Steam Trap, Steam Station Rm 300A/E-3 (006-00004)
4481-TRP0005	Steam Trap, Steam Station Rm 300/E-4 (006-00005)
4481-TRP0006	Steam Trap, Steam Station Rm 300/E-4 (006-00006)
4481-TRP0007	Steam Trap, Steam Station Rm 300/E-4 (006-00007)
4481-TRP0008	Steam Trap, Steam Station Rm 518/E-9 (006-00008)
4481-TRP0009	Steam Trap, Steam Station Rm 518/E-9 (006-00009)
4481-TRP0010	Steam Trap, Steam Station Rm 518/E-9 (006-00010)
4481-TRP0011	Steam Trap, Steam Station Rm 300/E-4 (006-00011)
4481-TRP0012	Steam Trap, Steam Station Rm 399/E-10 (006-00012)
4481-UH0001	Unit Heater Steam, E-2
4481-UH0002	Unit Heater Steam, E-4
4481-UH0003	Unit Heater Steam, E-5
4481-UH0004	Unit Heater Steam, E-6
4481-UH0005	Unit Heater Steam, E-9
4481-UH0006	Unit Heater Steam, Rm 402A
4481-UH0007	Unit Heater Electric, Rm 402B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4481-UPC0001	Unit Power Center, Rm 301/ E-11
4481-VSC0002	Variable Speed Controller, Rm 300A, E-03
4481-XFMR0001	Transformer, Rm 318/ E-07
4481-XFMR0002	Transformer, Rm 300/ E-04
4481-XFMR0003	Transformer, Rm 300/ E-04
4481-XFMR0004	Transformer, Rm 300/ E-04
4481-XFMR0005	Transformer, Rm 125/ E-01
4481-XFMR0006	Transformer, Rm 125/ E-01
4481-XFMR0007	Transformer, Rm 301/ E-11
4481-XFMR0008	Transformer, Rm 301/ E-11
4481-XFMR0009	Transformer, Rm 301/ E-11
4481-XFMR0010	Transformer, Rm 301/ E-11
4481-XFMR0011	Transformer, Rm 300B/ E-14
4481-XFMR0012	Transformer, Rm 300B/ E-14
4481-XFMR0013	Transformer, Rm 399/ E-10
4481-XFMR0014	Transformer, Pipe Chase Btwn Rm 330 & E07
4481-XFMR0015	Transformer, Pipe Chase Btwn Rm 330 & E07
4481-XFMR0016	Transformer, Pipe Chase Btwn Rm 330 & E07
4481-XFMR0017	Transformer, Room 526
4481-XFMR0018	Transformer, Room 300, E-04
4481-XFMR0019	Transformer, Room 399, E-10
4481-XFMR0020	Transformer, Room 509
4481-XFMR0021	Transformer, Room 526B
4481-XFMR0022	Transformer, Room 238, Attic Area
4481-XFMR0023	Transformer, Room 238, Attic Area
4481-XFMR0024	Transformer, Room 259, Attic Area
4481-XFMR0025	Transformer, Room 262, Attic Area
4481-XFMR0026	Transformer, Room 263, Attic Area
4481-XFMR0027	Transformer, Room 357, Attic Area
4481-XFMR0028	Transformer, Room 363, Attic Area
4481-XFMR0029	Transformer, Room 367, Attic Area
4481-XFMR0030	Transformer, Room 369, Attic Area
4481-XFMR0031	Transformer, Room 306A, Attic Area
4481-XFMR0032	Transformer, Room 248C
4482-ACMP0001	Air Compressor Control, South Outside - Disconnect at compressor
4482-BPD0001	Buss Plug Disconnect, Room 100
4482-BPD0002	Buss Plug Disconnect, Room 100
4482-BPD0003	Buss Plug Disconnect, Room 100
4482-BPD0004	Buss Plug Disconnect, Room 100
4482-BPD0005	Buss Plug Disconnect, Room 100
4482-BPD0006	Buss Plug Disconnect, Room 100
4482-BPD0007	Buss Plug Disconnect, Room 100
4482-BPD0008	Buss Plug Disconnect, Room 100
4482-BPD0009	Buss Plug Disconnect, Room 100
4482-BPD0010	Buss Plug Disconnect, Room 100
4482-DOOR0001	Roll-Up Door, West Side, Rm 101 - Disconnect at door
4482-DOOR0002	Roll-Up Door, East Side, Rm 100 - Disconnect at door
4482-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4482-EAF0002	Exhaust Blower Fan, Roof - Disconnect at fan motor
4482-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4482-FAS0001	Fire Alarm System, Room 101, W. Wall
4482-GEN0001	Emergency Generator, East Outside-REMOVED FROM PM
4482-HTR0001	Heater Unit, High Bay, Rm 100 - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4482-HTR0002	Heater Unit, Rm 100A - Disconnect at unit
4482-HTR0003	Heater Unit, Rm 100A - Disconnect at unit
4482-HWHD0001	Hot Water Heater - Domestic, 2nd Floor Restroom - Disconnect at heater
4482-HWP0001	Hot Water Pump, Rm 100A - Disconnect at pump
4482-MTS0001	Manual Transfer Switch, Rm 101A
4482-PNL0001	Panel Board, Rm 100
4482-PNL0002	Panel Board, Rm 100
4482-ROOF0001	Roof, Main, Bldg 4482
4482-SS0001	Safety Switch, Room 100, E. Wall
4482-SS0002	Safety Switch, Room 100, N. Wall
4482-SS0003	Safety Switch, Room 100, N. Wall
4482-SS0004	Safety Switch, Room 100, N. Wall
4482-SS0005	Safety Switch, Room 100, N. Wall
4482-SS0006	Safety Switch, Room 100, N. Wall
4482-SS0007	Safety Switch, Room 100, N. Wall
4482-SS0008	Safety Switch, Room 100, S. Wall
4482-SS0009	Safety Switch, Room 100, S. Wall
4482-SS0010	Safety Switch, Room 101, N. Upstairs
4482-SS0011	Safety Switch, Room 100A, S. Wall
4482-SS0012	Safety Switch, Room 100A, S. Wall
4482-SS0013	Safety Switch, Room 100A, N. Wall
4482-SS0014	Safety Switch, Outside, East
4482-SS0015	Safety Switch, Outside, South
4482-SS0016	Safety Switch, Outside, South
4482-SS0017	Safety Switch, Outside, South
4482-STRT0001	Starter, Room 100, N. Wall
4482-STRT0002	Starter, Room 100, N. Wall
4482-STRT0003	Starter, Room 101, S. Upstairs
4482-STRT0004	Starter, Room 100A, N. Wall
4482-UH0001	Unit Heater (Hw), Rm 101A
4482-UH0002	Unit Heater (Hw), Rm 101B
4482-UH0003	Unit Heater (Hw), Rm 100A, W End
4482-UH0004	Unit Heater (Hw), Rm 100A, E End
4482-UH0005	Unit Heater, Elec, Rm 101, Shop
4482-UH0006	Unit Heater (Hw), Rm 101, Shop
4482-UH0007	Unit Heater (Hw), Rm 100 Shop, Sw Corner
4482-UH0008	Unit Heater Elec, Rm 100 Shop, Ne Corner
4482-UH0009	Unit Heater (Hw), Rm 100 Shop, Se Corner
4482-XFMR0001	Transformer, Outside, East
4483-ACMP0002	Air Compressor Control, South Outside - Disconnect at compressor
4483-ACMP0003	Air Compressor Control, Rm 108 - Disconnect room 108
4483-ACMP001A	Air Compressor Control, Rm 108 Spare Tire Room - Disconnect east wall
4483-ACMP001B	Air Compressor Control, Rm 108 Spare Tire Room - Disconnect east wall
4483-ADRY0001	Air Dryer, Rm 108 - Disconnect at dryer
4483-CONT0001	Contactor, Shop Wall By Rm. 106
4483-CONT0002	Contactor, By Shop Acmp-02
4483-CONT0003	Contactor, By Shop Acmp-02
4483-DOOR0001	Roll-Up Door, North Side, Rm 109 - Disconnect at door
4483-DOOR0002	Roll-Up Door, North Side, 1st from West Wall, Rm 108 - Disconnect at door
4483-DOOR0003	Roll-Up Door, North Side, 2nd from West Wall, Rm 108 - Disconnect at door
4483-DOOR0004	Roll-Up Door, North Side, 4th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0005	Roll-Up Door, North Side, 3rd from West Wall, Rm 108 - Disconnect at door
4483-DOOR0006	Roll-Up Door, North Side, 5th from West Wall, Rm 108 - Disconnect at door

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4483-DOOR0007	Roll-Up Door, North Side, 6th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0008	Roll-Up Door, North Side, 7th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0009	Roll-Up Door, North Side, 8th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0010	Roll-Up Door, North Side, 9th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0011	Roll-Up Door, North Side, 10th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0012	Roll-Up Door, North Side, 11th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0013	Roll-Up Door, North Side, 12th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0014	Roll-Up Door, North Side, 13th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0015	Roll-Up Door, North Side, 14th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0016	Roll-Up Door, North Side, Rm 110 - Disconnect at door
4483-DOOR0017	Roll-Up Door, South Side, 7th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0018	Roll-Up Door, South Side, 6th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0019	Roll-Up Door, South Side, 5th from West Wall, Rm 108 - Disconnect at door
4483-DOOR0020	Roll-Up Door, South Side, 4th Door West, Rm 108 - Disconnect at door
4483-DOOR0021	Roll-Up Door, South Side, 3rd from West Wall, Rm 108 - Disconnect at door
4483-DOOR0022	Roll-Up Door, South Side, 2nd from West Wall, Rm 108 - Disconnect at door
4483-DOOR0023	Roll-Up Door, South Side, 1st from West Wall, Rm 108 - Disconnect at door
4483-DOOR0024	Roll-Up Door, South Side, Rm 109 - Disconnect at door
4483-DOOR0025	Roll-Up Door, South Side, Rm 110 - Disconnect at door
4483-DXAC0001	Direct Expansion AC Unit, Rm 108 - Disconnect at unit
4483-EAF0001	Exhaust Blower Fan, Rm 108 - Disconnect at fan motor
4483-EAF0002	Exhaust Air Fan, Rm 111
4483-EW0001	Safety Eyewash, Rm 108, West Wall
4483-EW0002	Safety Eyewash, Rm 108, East Wall
4483-FAS0001	Fire Alarm System, Rm 108, South Wall
4483-HTR0001	Heater Unit, Rm 108 - Disconnect at unit
4483-HTR0002	Heater Unit, Rm 108 - Disconnect at unit
4483-HTR0003	Heater Unit, Rm 108 - Disconnect at unit
4483-HTR0004	Heater Unit, Rm 108 - Disconnect at unit
4483-HTR0005	Heater Unit, Rm 108 - Disconnect at unit
4483-HWHD0001	Hot Water Heater - Domestic, Rm 201/Rm E01, Attic - Disconnect room E1
4483-PNL0001	Panel Board, Rm 108, South Wall
4483-PNL0002	Panel Board, Rm 108, South Wall
4483-PNL0003	Panel Board, Rm 108, South Wall
4483-PNL0004	Panel Board, Rm 108, South Wall
4483-PNL0005	Panel Board, Rm 108, South Wall
4483-PNL0006	Panel Board, Rm 108, South Wall
4483-PNL0007	Panel Board, Rm 103C
4483-ROOF0001	Roof, Main, Bldg 4483
4483-SHEW0001	Safety Shower and Eyewash, Battery Room South Side
4483-SS0001	Safety Switch, Shop Wall By Rm. 106
4483-SS0002	Safety Switch, Shop Wall By Rm. 106
4483-SS0003	Safety Switch, Shop Wall By Rm. 106
4483-SS0004	Safety Switch, Shop Wall By Rm. 106
4483-SS0005	Safety Switch, Shop Wall By Rm. 106
4483-SS0006	Safety Switch, Shop By Dxac-01
4483-SS0007	Safety Switch, By Shop Dxac-01
4483-SS0008	Safety Switch, By Shop Door 7
4483-SS0009	Safety Switch, By Shop Door 6
4483-SS0010	Safety Switch, By Shop Door 4
4483-SS0011	Safety Switch, By Shop Door 5
4483-SS0012	Safety Switch, By Shop Door 3
4483-SS0013	Safety Switch, By Shop Door 2

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4483-SS0014	Safety Switch, By Shop Door 13
4483-SS0015	Safety Switch, By Shop Door 13
4483-SS0016	Safety Switch, By Shop Door 11
4483-SS0017	Safety Switch, By Shop Door 25
4483-SS0018	Safety Switch, By Walk Door At Door 24
4483-SS0019	Safety Switch, By Shop Door 24
4483-SS0020	Safety Switch, By Shop Door 24
4483-SS0021	Safety Switch, By Shop Acmp-03
4483-SS0022	Safety Switch, By Shop Acmp-03
4483-SS0023	Safety Switch, By Shop Acmp-03
4483-SS0024	Safety Switch, By Shop Acmp-03
4483-SS0025	Safety Switch, By Shop Door 8
4483-SS0026	Safety Switch, By Shop Door 9
4483-SS0027	Safety Switch, By Shop Door 10
4483-SS0028	Safety Switch, By Shop Door 14
4483-SS0029	Safety Switch, By Shop Door 15
4483-SS0030	Safety Switch, By Shop Door 16
4483-SS0031	Safety Switch, By Shop Door 17
4483-SS0032	Safety Switch, By Shop Door 17
4483-SS0033	Safety Switch, By Shop Door 18
4483-SS0034	Safety Switch, By Shop Door 19
4483-SS0035	Safety Switch, By Shop Door 20
4483-SS0036	Safety Switch, By Shop Door 21
4483-SS0037	Safety Switch, By Shop Door 22
4483-SS0038	Safety Switch, By Shop Door 23
4483-SS0039	Safety Switch, South Outside
4483-STRT0001	Starter, Shop Wall By Rm. 106
4483-STRT0002	Starter, By Walk Door At Door 24
4483-STRT0003	Starter, By Walk Door At Door 24
4483-STRT0004	Starter, By Shop Door 24
4483-STRT0005	Starter, By Shop Acmp-03
4483-STRT0006	Starter, By Shop Door 23
4483-TMR0001	Timer, Shop Wall By Rm. 106
4483-TMR0002	Timer, By Shop Door 24
4483-UH0001	Unit Heater Steam, Rm 109 At Door1
4483-UH0002	Unit Heater Steam, Rm 108 At Door3
4483-UH0003	Unit Heater Steam, Rm 108 At Door 4
4483-UH0004	Unit Heater Steam, Rm 108 At Door 7
4483-UH0005	Unit Heater Steam, Rm 108 At Door 8
4483-UH0006	Unit Heater Steam, Rm 108 At Door 10
4483-UH0007	Unit Heater Steam, Rm 108 At Door 12
4483-UH0008	Unit Heater Steam, Rm 108 At Door 14
4483-UH0009	Unit Heater Steam, Rm 108 E Wall Center
4483-UH0010	Unit Heater Steam, Rm 108 At Door 18
4483-UH0011	Unit Heater Steam, Rm 108 At Door 20
4483-UH0012	Unit Heater Steam, Rm 108 At Door 22
4483-UH0013	Unit Heater Steam, Rm 108 W Of Tire Cage
4483-UH0014	Unit Heater Steam, Rm 108 S Wall Door 23
4483-UH0015	Unit Heater Steam, Rm 108 S Wall At Exit Door
4483-UH0016	Unit Heater Steam, Rm 108 At Door 24
4483-UH0017	Unit Heater Steam, Rm 108 Over Fenced Area
4483-UH0018	Unit Heater Steam, Rm 108 Center Door 5
4483-UH0019	Unit Heater Steam, Rm 108 Center Door 2

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4483-UH0020	Unit Heater Steam, Rm 108 Center Door 11
4483-UH0021	Unit Heater Steam, Rm 108 Center Door 13
4483-UH0022	Unit Heater Steam, Rm 108 Center S Of Ewash
4483-UH0023	Unit Heater Steam, Rm 110 North
4483-UH0024	Unit Heater Steam, Rm 110 Center
4483-UH0025	Unit Heater Steam, Rm 111
4483-XFMR0001	Transformer, Rm 108, South Wall
4485-ACMP0001	Air Compressor, Rm 124 - Disconnect at compressor
4485-ACMP0002	Air Compressor Controller, Rm 124 - Disconnect at compressor
4485-ACMP0003	Air Compressor, Rm 103/E-4 - Disconnect at compressor
4485-ADRY0001	Air Dryer, Rm 124 - Disconnect at dryer
4485-AH0001	Air Handling Unit, Rm 103/Rm E04 - Disconnect in room E4
4485-AH0002	Air Handling Unit, Rm 124 E-2 - Disconnect in room E2
4485-AH001A	Air Handling Unit, Rm 126/Rm E03 - Disconnect in room E3
4485-AH002A	Air Handling Unit, Rm 126/Rm E03 - Disconnect in room E7
4485-BFP0001	Back Flow Preventer - Hot, Rm 138/ E01
4485-CBP0001	Circuit Breaker Panel, Room 124, E-03
4485-CBP0002	Circuit Breaker Panel, Room 138, E-01
4485-CBP0003	Circuit Breaker Panel, Room 138, E-01
4485-CBS0001	Circuit Breaker Starter, East Outside
4485-CBS0002	Circuit Breaker Starter, East Outside
4485-CBS0003	Circuit Breaker Starter, Room 138, E-01
4485-CBS0004	Circuit Breaker Starter, Room 138, E-01
4485-CBS0005	Circuit Breaker Starter, Room 138, E-01
4485-CBS0006	Circuit Breaker Starter, Room 138, E-01
4485-CBS0007	Circuit Breaker Starter, Room 138, E-01
4485-CBS0008	Circuit Breaker Starter, Room 138, E-01
4485-CBS0009	Circuit Breaker Starter, Room 138, E-01
4485-CBS0010	Circuit Breaker Starter, Room 138, E-01
4485-CHWP0001	Chill Water Pump, Rm 126/Rm E03 - Disconnect in room E3
4485-CHWP0002	Chill Water Pump, Rm 138/Rm E01 - Disconnect room E1
4485-CHWP0003	Chill Water Pump, Rm 138/Rm E01 - Disconnect room E1
4485-COIL001A	Chilled Water Coil, AH0001, Rm 103/E-4
4485-COIL001B	Hot Water/Steam Coil, AH0001, Rm 103/E-4
4485-COIL002A	Chilled Water Coil, AH0002, Rm 124/E-2
4485-COIL002B	Hot Water/Steam Coil, AH0002, Rm 124/E-2
4485-COIL01AA	Chilled Water Coil, AH001A, Rm 126/E-3
4485-COIL01AB	Hot Water/Steam Coil, AH001A, Rm 126/E-3
4485-COIL02AA	Chilled Water Coil, AH002A, Rm 126/E-3
4485-COIL02AB	Hot Water/Steam Coil, AH002A, Rm 126/E-3
4485-DOOR0001	Hand Door
4485-FAS0001	Fire Alarm System, North Entrance
4485-FID0001	Field Interface Device, Rm 124
4485-HWHD0001	Hot Water Heater - Domestic, Rm 119 - Disconnect at heater
4485-HWHD0002	Hot Water Heater - Domestic, Rm 138/Rm E01 - Disconnect room E1
4485-HWHD0003	Hot Water Heater - Domestic, Rm 127 - Disconnect at heater
4485-HWP0001	Hot Water Pump, Rm 138/Rm E01 - Disconnect room E1
4485-HWP0002	Hot Water Pump, Rm 138/Rm E01 - Disconnect room E1
4485-LTS0001	Emergency Lighting - Dry Cell, Hall, Near Rm 117
4485-LTS0002	Emergency Lighting - Dry Cell, Hall, Near Rm 131
4485-LTS0003	Emergency Lighting - Dry Cell, By Rm 107
4485-PNL0001	Panel Board, Outside Rm 121
4485-PNL0002	Panel Board, Rm 129

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4485-PNL0003	Panel Board, Rm 112
4485-PNL0004	Panel Board, Rm 126/Rm E03
4485-PNL0005	Panel Board, Rm 112
4485-PNL0006	Panel Board, Rm 114
4485-PNL0007	Panel Board, Rm 114
4485-PNL0008	Panel Board, Rm 128
4485-PNL0009	Panel Board, Rm 105
4485-PNL0010	Panel Board, Rm 105
4485-PNL0011	Panel Board, Rm 105
4485-PNL0012	Panel Board, Rm 111A
4485-PNL0013	Panel Board, Rm 128
4485-PNL0014	Panel Board, Rm 106
4485-PNL0015	Panel Board, Rm 105
4485-PNL0016	Panel Board, Rm 110
4485-PNL0017	Panel Board, Rm 124
4485-PNL0018	Panel Board, Rm 122
4485-ROOF0001	Roof, Main, Bldg 4485
4485-ROOF0002	Roof, SE Side, Bldg 4485
4485-ROOF0003	Roof, NE Side, Bldg 4485
4485-SPR0001	Sprinkler System, Rm 103/Rm E04
4485-SS0001	Safety Switch, Room 105
4485-SS0002	Safety Switch, Room 105
4485-SS0003	Safety Switch, Room 105
4485-SS0004	Safety Switch, Room 105
4485-SS0005	Safety Switch, Room 105
4485-SS0006	Safety Switch, Room 103, E-04
4485-SS0007	Safety Switch, Room 124, E-03
4485-SS0008	Safety Switch, Room 124, E-02
4485-SS0009	Safety Switch, Room 124, E-02
4485-SS0010	Safety Switch, Room 124, E-02
4485-SS0011	Safety Switch, Room 124, E-02
4485-SS0012	Safety Switch, Room 124, E-02
4485-SS0013	Safety Switch, Room 124, E-02
4485-SS0014	Safety Switch, South Outside
4485-SS0015	Safety Switch, Room 138, E-01
4485-SS0016	Safety Switch, Room 138, E-01
4485-SS0017	Safety Switch, Room 138, E-01
4485-STRT0001	Starter, Room 124, E-03
4485-STRT0002	Starter, Room 124, E-03
4485-STRT0003	Starter, Room 124, E-03
4485-STRT0004	Starter, Room 124, E-03
4485-STRT0005	Starter, Room 124, E-03
4485-STRT0006	Starter, Room 103, E-04
4485-STRT0007	Starter, Room 124, E-02
4485-STRT0008	Starter, Room 124, E-02
4485-STRT0009	Starter, Room 124, E-02
4485-STRT0010	Starter, Room 138, E-01
4485-STRT0011	Starter, Room 138, E-01
4485-SUB0001	Substation, East Side
4485-TMR0001	Timer, West Entrance
4485-TMR0002	Timer, Room 124, E-02
4485-TMR0003	Timer, Room 138, E-01
4485-TRP0001	Steam Trap, Outside East End (014-00001)

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4485-TRP0002	Steam Trap, Outside East End (014-00002)
4485-TRP0003	Steam Trap, Outside East End (014-00003)
4485-TRP0004	Steam Trap, Rm 138/E-1 (014-00004)
4485-TRP0005	Steam Trap, Rm 138/E-1 (014-00005)
4485-TRP0006	Steam Trap, Rm 138/E-1 (014-00006)
4485-TRP0007	Steam Trap, Rm 126/E-3 (014-00007)
4485-TRP0008	Steam Trap, Rm 126/E-3 (014-00008)
4485-TRP0009	Steam Trap, Rm 124/E-2 (014-00009)
4485-UH0001	Unit Heater Steam, E-3
4485-UH0002	Unit Heater Steam, E-1
4485-XFMR0001	Transformer, Rm 126/Rm E03
4487A-ACMP0003	Air Compressor Controller, Rm A001/Rm E09A - Disconnect in room E9
4487A-ACMP0004	Air Compressor Controller, Rm A102/ Rm E1 - Disconnect room E1
4487A-ADRY0001	Air Dryer, Rm A001/Rm E09A - Disconnect in room E9
4487A-ADRY0002	Air Dryer, Rm A102/ Rm E1 - Disconnect room E1
4487A-AH0001	Air Handling Unit, Rm A102/ Rm E1 - Disconnect room E1
4487A-AH0001	Air Handling Unit, Rm A102/ Rm E1 - Disconnect room E1
4487A-AH0002	Air Handling Unit, Rm A112N/Rm E2 - Disconnect room E2
4487A-AH0003	Air Handling Unit, Rm A118
4487A-AH0004	Air Handling Unit, Rm A127/ Rm E4 - Disconnect in room E4
4487A-AH0004	Air Handling Unit, Rm A127/ Rm E4 - Disconnect in room E4
4487A-AH0005	Air Handling Unit, Rm A167/Rm E5 - Disconnect in room E5
4487A-AH0005	Air Handling Unit, Rm A167/Rm E5 - Disconnect in room E5
4487A-AH0006	Air Handling Unit, Rm A003/Rm E09C - Disconnect in room E9
4487A-AH0007	Air Handling Unit, Rm A156 - Disconnect on unit
4487A-AH0008	Air Handling Unit, Rm A156 - Disconnect on unit
4487A-AH0010	Air Handling Unit, Rm A219 Overhead - Disconnect on unit
4487A-AH0011	Air Handling Unit, Rm A148 - Disconnect on unit
4487A-AH0012	Air Handling Unit, Rm A148 - Disconnect on unit
4487A-AH0013	Air Handling Unit, Rm A148 - Disconnect on unit
4487A-AH0015	Air Handling Unit, Rm A183A - Disconnect on unit
4487A-AH0019A	Air Handling Unit, Rm A193/Rm E08 - Disconnect on unit
4487A-AH0019B	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
4487A-AH0019B	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
4487A-AH0019C	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
4487A-AH0019C	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
4487A-AH0022	Air Handling Unit, Rm A236/E25 - Disconnect on unit
4487A-AH0022	Air Handling Unit, Rm A236/E25 - Disconnect on unit
4487A-AH0027	Air Handling Unit, Rm E26, A245 - Disconnect in room E26
4487A-AH0027	Air Handling Unit, Rm E26, A245 - Disconnect in room E26
4487A-AH0029	Air Handling Unit, Rm A270 - Disconnect on unit
4487A-AH0031	Air Handling Unit, Rm A266A - Disconnect on unit
4487A-AH019A	Air Handling Unit, E-08 A-Wing N. Side, E. End
4487A-AH019B	Air Handling Unit, E-07 A-Wing East End Outside
4487A-AH019C	Air Handling Unit, E-07 A-Wing East End Outside
4487AB-ACMP0002	Air Compressor Controller, Rm AB101/Rm E12 - Disconnect in room E7
4487AB-ADRY0001	Air Dryer, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-ADRY0002	Air Dryer, E-10
4487AB-AH0001	Air Handling Unit, Rm AB140D/Rm E11 - Disconnect in room E11
4487AB-AH0002	Air Handling Unit, Outside, Btwn A&B Wings - Disconnect on unit
4487AB-AH0020	Air Handling Unit, Rm AB209/E29 - Disconnect in room E29
4487AB-AH0020	Air Handling Unit, Rm AB209/E29 - Disconnect in room E29
4487AB-AH0021	Air Handling Unit, RM AB209/E29 - Disconnect in room E29

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487AB-AH0022	Air Handling Unit, Rm AB223/E30 - Disconnect in room E30
4487A-BATB0001	Battery Bank, Rm A004/Rm E09D
4487A-BATB0002	Battery Bank, Rm A004/Rm E09D
4487AB-BATB0001	Battery Bank, Rm AB102/E39
4487AB-BFP0001	Back Flow Preventer - Hot, Rm AB101/ E12
4487AB-CHWP0001	Chill Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-CHWP0002	Chill Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-CHWP0003	Chill Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-CHWP0004	Chill Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-CRU0015	Computer Room Unit, Rm AB105 - Disconnect at unit
4487AB-CRU0016	Computer Room Unit, Rm AB105 - Disconnect at unit
4487AB-CRU0017	Computer Room Unit, Rm AB105 - Disconnect at unit
4487AB-CRU0018	Computer Room Unit, Rm AB105 - Disconnect at unit
4487AB-EAF0001	Exhaust Blower Fan, Rm AB101/Rm E12
4487AB-EAF0002	Exhaust Blower Fan, Rm A195/ Rm E10
4487AB-ELEV0001	Hydraulic Elevator, AB Wing
4487AB-EW0001	Eyewash Station, Rm AB140
4487AB-FAC0001	Drill Press, Rm AB103/E63 - Disconnect at CORD AND PLUG
4487AB-FAC0002	Band Saw, Rm AB103/E63 - Disconnect at CORD AND PLUG
4487AB-FID0003	Field Interface Device, Rm AB140D/Rm E11
4487A-BFP0001	Back Flow Preventer - Hot, Rm A001/ E09A
4487AB-HST0001	1/2-Ton Electric Hoist, Rm AB103/E63 - Disconnect at ROOM AB 103
4487AB-HUM0001	Humidifier, Rm AB206 - Disconnect at unit
4487AB-HUM0002	Humidifier, Rm AB204 - Disconnect at unit
4487AB-HUM0003	Humidifier, Rm AB202 - Disconnect at unit
4487AB-HWHD0001	Hot Water Heater - Domestic, Rm AB140 - Disconnect in room E11
4487AB-HWP0001	Hot Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-HWP0002	Hot Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-HWP0003	Hot Water Pump, Rm AB101/Rm E12 - Disconnect in room E12
4487AB-LTS0001	Emergency Lighting - Fluoresc, Hall, Near Rm AB224
4487AB-LTS0002	Emergency Lighting - Fluoresc, Hall, Near Rm AB213
4487AB-LTS0003	Emergency Lighting - Fluoresc, Hall, Near Rm AB214
4487AB-LTS0004	Emergency Lighting - Fluoresc, Hall, Near Rm AB211
4487AB-LTS0005	Emergency Lighting - Fluoresc, Hall, Near Rm AB2S1
4487AB-LTS0006	Emergency Lighting - Flu, Hall, Near Rm AB201
4487AB-MCC0001	Motor Control Center, Rm AB103/E63
4487AB-MCC0002	Motor Control Center, Rm AB101/E12
4487AB-ODT0009	Oxygen Detection System, Room Ab-140
4487AB-ODT0010	Oxygen Detection System, Room Ab-150D
4487AB-ODT0011	Oxygen Detection System, Room Ab-150C
4487AB-ODT0012	Oxygen Detection System, Room Ab-150A
4487AB-PNL0001	Panel Board, Rm AB104
4487AB-PNL0002	Panel Board, Rm AB104
4487AB-PNL0003	Panel Board, Rm AB140C
4487AB-PNL0004	Panel Board, Rm AB140C
4487AB-PNL0005	Panel Board, Rm AB140C
4487AB-PNL0006	Panel Board, Room AB140E, E-11
4487AB-PNL0007	Panel Board, Rm AB140E, E-11
4487AB-PNL0008	Panel Board, Rm AB140E, E-11
4487AB-PNL0009	Panel Board, Rm AB140E, E-11
4487AB-PNL0010	Panel Board, Rm AB104
4487AB-PNL0011	Panel Board, Rm AB104
4487AB-PNL0012	Panel Board, Rm AB104

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487AB-PNL0013	Panel Board, Rm AB212
4487AB-PNL0014	Panel Board, Rm AB212
4487AB-PNL0015	Panel Board, Rm AB212
4487AB-PNL0016	Panel Board, Rm AB107
4487AB-PNL0017	Panel Board, Rm AB107
4487AB-PNL0018	Panel Board, Rm AB105
4487AB-PNL0019	Panel Board, Rm AB105
4487AB-RAF0020	Return Air Fan, Rm AB209/E29 - Disconnect in room E29
4487AB-RAF0021	Fan Return Air, Ab-E-29
4487AB-RAF0022	Fan Return Air, E-35
4487AB-RP0003	Recptacle Panel Board, Rm AB140C
4487AB-SH0001	Safety Shower, Rm AB102/E39
4487AB-SHEW0001	Safety Shower & Eyewash, Rm AB102/E39
4487AB-SHEW0002	Emergency Shower/Eyewash, Ab140
4487AB-SPR0001	Sprinkler System, Rm AB107
4487AB-SSTA0001	Steam Station, Rm AB101/Rm E12
4487AB-STRT0001	Starter, Room Ab-101, E12
4487AB-STRT0002	Starter, Room Ab-101, E12
4487AB-STRT0003	Starter, Room Ab-101, E12
4487AB-STRT0004	Starter, Room Ab-101, E12
4487AB-STRT0005	Starter, Room Ab-101, E12
4487AB-SUB0001	Substation, AB Wing, West End
4487AB-SWGR0001	Switch Gear, AB101, E12 - Formerly VV300
4487AB-UH0001	Unit Heater Steam, E-29
4487AB-UH0002	Unit Heater Steam, E-30
4487AB-UH0003	Unit Heater Steam, E-12
4487AB-UH0004	Unit Heater Steam, E-39
4487AB-VSC0001	Variable Speed Controller, Rm AB101
4487AB-VSC0002	Variable Speed Controller, Rm AB101/Rm E12
4487AB-VSC0003	Variable Speed Controller, Rm AB101/Rm E12
4487AB-VSC0004	Variable Speed Controller, Rm AB10/Rm E12
4487AB-XFMR0001	Transformer, Rm AB104
4487AB-XFMR0002	Transformer, Rm AB140
4487AB-XFMR0003	Transformer, Rm AB140
4487AB-XFMR0004	Transformer, Rm AB140
4487AB-XFMR0005	Transformer, AB101 E12
4487AB-XFMR0006	Transformer, AB101 E12
4487AB-XFMR0007	Transformer, AB101 E12
4487AB-XFMR0008	Transformer, AB104
4487AB-XFMR0009	Transformer, AB104
4487AB-XFMR0010	Transformer, AB140C
4487A-CHWP0001	Chill Water Pump, Rm A195/Rm E10 - Disconnect in room E10
4487A-CHWP0002	Chill Water Pump, Rm A195/Rm E10 - Disconnect in room E10
4487A-CRU0001	Computer Room Unit, Rm A144 - Disconnect at unit
4487A-CRU0002	Computer Room Unit, Rm A146 - Disconnect at unit
4487A-CRU0003	Computer Room Unit, Rm A156 - Disconnect at unit
4487A-CRU0004	Computer Room Unit, Rm A226 - Disconnect at unit
4487A-CRU0005	Computer Room Unit, Rm A226 - Disconnect at unit
4487A-CRU0006	Computer Room Unit, Rm A149 - Disconnect at unit
4487A-CRU0007	Computer Room Unit, Rm A266 - Disconnect at unit
4487A-CRU0008	Computer Room Unit, Rm A266 - Disconnect at unit
4487A-CRU0009	Computer Room Unit, Rm A144, Overhead - Disconnect at unit
4487A-CRU0010	Computer Room Unit, Rm A146, Overhead - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487A-DOOR0001	Roll-Up Door, East End, A Wing, Rm A183F - Disconnect at door
4487A-DOOR0002	Roll-Up Door Manual, A191
4487A-EAF0002	Exhaust Blower Fan, Rm A001/Rm E09A
4487A-ELEV0001	Hydraulic Elevator, A Wing, Rm A001/Rm E09A - Disconnect at elevator
4487A-EW0001	Eyewash Station, Rm A0004
4487A-EW0002	Eyewash Station, Rm A132
4487A-FAS0001	Fire Alarm System, Rm A118/Rm E03, A Wing
4487A-FID0001	Field Interface Device, Room A102/Rm E01
4487A-FID0002	Field Interface Device, Room A102, E-1
4487A-FID0005	Field Interface Device, Rm A102/ Rm E1, REMOVED
4487A-HST0001	1-Ton Chain Hoist, Rm A114
4487A-HST0002	1/2-Ton Air Hoist, Rm A116
4487A-HST0003	1/2-Ton Air Hoist, Rm A116
4487A-HST0004	1-Ton Electric Hoist, Rm A114 N Dark Rm - Disconnect at WEST WALL
4487A-HUM0001	Humidifier, Rm A132 - Disconnect at unit
4487A-HUM0002	Humidifier, Rm A130 - Disconnect at unit
4487A-HWHD0001	Hot Water Heater - Domestic, Rm A102/ Rm E1 - Disconnect room E1
4487A-HWP0001	Hot Water Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-HWP0001	Hot Water Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-HWP0002	Hot Water Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-HWP0003	Hot Water Pump, Rm A206/E23 - Disconnect in room E23
4487A-HWP0007	Hot Water Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-HWP0009	Hot Water Pump, Rm A102/ Rm E1 - Disconnect room E1
4487A-LTS0001	Emergency Lighting - Fluoresc, Hall, Near Rm A218
4487A-LTS0002	Emergency Lighting - Fluoresc, Hall, Near Rm A213
4487A-LTS0003	Emergency Lighting - Fluoresc, Hall, Near Rm A228
4487A-LTS0004	Emergency Lighting - Fluoresc, Hall, Near Rm A236
4487A-LTS0005	Emergency Lighting - Fluoresc, Hall, Near Rm A244
4487A-LTS0006	Emergency Lighting - Fluoresc, Hall, Near Rm A250
4487A-LTS0007	Emergency Lighting - Fluoresc, Hall, Near Rm A256
4487A-LTS0008	Emergency Lighting - Fluoresc, Hall, Near Rm A258
4487A-LTS0009	Emergency Lighting - Fluoresc, Hall, Near Rm A239
4487A-LTS0010	Emergency Lighting - Fluoresc, Hall, Near Rm A262
4487A-LTS0011	Emergency Lighting - Fluoresc, Hall, Near Rm A264
4487A-LTS0012	Emergency Lighting - Fluoresc, Hall, Near Rm A245
4487A-LTS0013	Emergency Lighting - Fluoresc, Hall, Near Rm A270
4487A-LTS0014	Emergency Lighting - Fluoresc, Hall, Near Rm A181
4487A-LTS0015	Emergency Lighting - Fluoresc, Hall, Near Rm A185M
4487A-LTS0016	Emergency Lighting - Fluoresc, Hall Near Rm A166
4487A-LTS0017	Emergency Lighting - Fluoresc, East Stairs
4487A-LTS0018	Emergency Lighting - Fluoresc, Hall, Near Rm A173
4487A-LTS0019	Emergency Lighting - Fluo, Hall, By Rm A156
4487A-LTS0020	Emergency Lighting - Fluoresc, Hall, Near Rm A167
4487A-LTS0021	Emergency Lighting - Fluoresc, Hall, Near Rm A165
4487A-LTS0022	Emergency Lighting - Fluoresc, Hall, Near Rm A158
4487A-LTS0023	Emergency Lighting - Fluoresc, Hall, Near Rm A136
4487A-LTS0024	Emergency Lighting - Fluoresc, Hall, Near Rm A132
4487A-LTS0025	Emergency Lighting - Fluoresc, Hall, Near Rm A126
4487A-LTS0026	Emergency Lighting - Fluoresc, Hall, A Wing Center
4487A-LTS0027	Emergency Lighting - Fluoresc, Hall, Near Rm A118
4487A-LTS0028	Emergency Lighting - Fluoresc, Hall, Near Rm A115
4487A-LTS0029	Emergency Lighting - Fluoresc, Hall, Near Rm A105
4487A-LTS0030	Emergency Lighting - Fluoresc, Hall, Near Rm A100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487A-LTS0031	Emergency Lighting - Fluoresc, Hall, Near Rm A106
4487A-LTS0032	Emergency Lighting - Fluoresc, Hall, Near Rm A204,
4487A-LTS0033	Emergency Lighting - Fluoresc, REMOVED
4487A-LTS0034	Emergency Lighting - Fluoresc, Hall, Near Rm A214
4487A-LTS0035	Emergency Lighting - Dry, A Wing Center Stairwell
4487A-LTS0036	Emergency Lighting - Fluor, A Wing, Near Rm A193
4487A-LTS0037	Emergency Lighting - Fluor., A Wing near A278
4487A-LTS0038	Emergency Lighting - Dry, A Wing near A270
4487A-LTS0039	Emergency Lighting - Dry, A Wing East Stairs Hall
4487A-LTS0040	Emergency Lighting - Dry, A Wing Northwest Stairs
4487A-MCC0002	Motor Control Center A1, Rm A118/ Rm E3
4487A-MCC0003	Motor Control Center A2, Basement, Rm A003/Rm E9C
4487A-MCC0005	Motor Control Center, Room E-10, Outside
4487A-PMP0001	Water Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-PNL0001	Panel Board, Rm A100
4487A-PNL0002	Panel Board, Rm A100
4487A-PNL0003	Panel Board, Outside Rm A110
4487A-PNL0004	Panel Board, Outside Rm A110
4487A-PNL0005	Panel Board, Rm A112
4487A-PNL0006	Panel Board, Rm A112
4487A-PNL0007	Panel Board, Rm A116
4487A-PNL0008	Panel Board, Rm E-48
4487A-PNL0009	Panel Board, Rm A120
4487A-PNL0010	Panel Board, Rm A120
4487A-PNL0011	Panel Board, Rm A120
4487A-PNL0012	Panel Board, Rm A120
4487A-PNL0013	Panel Board, Outside Rm A156
4487A-PNL0014	Panel Board, outside Rm A156
4487A-PNL0015	Panel Board, Room A-114B
4487A-PNL0017	Panel Board, Room A-114B
4487A-PNL0043	Panel Board, Hallway by Rm A205
4487A-PNL0044	Panel Board, Hallway by Rm A205
4487A-PNL0045	Panel Board, Hallway by Rm A205
4487A-PNL0046	Panel Board, Rm A230
4487A-PNL0047	Panel Board, Rm A230
4487A-PNL0048	Panel Board, Rm A230
4487A-PNL0049	Panel Board, Rm A230
4487A-PNL0050	Panel Board, Rm A230
4487A-PNL0051	Panel Board, Outside Rm A243
4487A-PNL0052	Panel Board, Outside Rm A243
4487A-PNL0062	Panel Board, Basement Rm A003
4487A-PNL0063	Panel Board, Basement Rm A003
4487A-PNL0064	Panel Board, Rm A173
4487A-PNL0065	Panel Board, Outside Rm A173
4487A-PNL0066	Panel Board, Basement, Rm A1/Rm E9A
4487A-PNL0067	Panel Board, Basement, Rm A1/Rm E9A
4487A-PNL0068	Panel Board, Basement, Rm A003/Rm E9C
4487A-PNL0069	Panel Board, Basement, Rm A003/Rm E9C
4487A-PNL0070	Panel Board, Basement, Rm A003/Rm E9C
4487A-PNL0071	Panel Board, Basement, Rm A003/Rm E9C
4487A-PNL0072	Panel Board, Hallway at Rm A156
4487A-PNL0073	Panel Board, Hallway at Rm A156
4487A-PNL0074	Panel Board, Hallway at Rm A191

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487A-PNL0075	Panel Board, Hallway at Rm A191
4487A-PNL0076	Panel Board, Hallway at Rm A146
4487A-PNL0077	Panel Board, Hallway at Rm A146
4487A-PNL0078	Panel Board, Hallway at Rm A146
4487A-PNL0079	Panel Board, Room A191A
4487A-PNL0080	Panel Board, Room A191A
4487A-PNL0081	Panel Board, Room E10
4487A-PNL0082	Panel Board, Room E-10
4487A-PNL0083	Panel Board, Room A191A
4487A-PNL0084	Panel Board, Room A191A
4487A-PNL0085	Panel Board, Rm 183F
4487A-RAF0001	Return Air Fan, Rm A206/E23 - Disconnect in panel
4487A-RAF0001	Return Air Fan, Rm A206/E23 - Disconnect in panel
4487A-SH0003	Safety Shower, Rm A0004
4487A-SHEW0001	Safety Shower, E-09D, A-Wing Bsmnt E. End
4487A-SPMP001A	Sump Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-SPMP001B	Sump Pump, Rm A001/Rm E09A - Disconnect in room E9
4487A-SPR0001	Sprinkler System, 1st Floor, West End
4487A-SPR0002	Sprinkler System, A Wing, East End
4487A-SSTA0001	Steam Station, Rm A0001/Rm E09A, Basement
4487A-STRT0001	Starter, Room A-112, E2
4487A-STRT0002	Starter, Room A-112, E2
4487A-STRT0003	Starter, Room A-112, E2
4487A-STRT0004	Starter, Room A-112, E2
4487A-SUB0001	Substation, East Outside, West of Rm A190
4487A-SWBD0001	Switch Board, Basement, Rm A003/Rm E9C
4487A-UH0001	Unit Heater Electric, E-10
4487A-UH0002	Unit Heater Steam, E-1
4487A-UH0003	Unit Heater Steam, E-3
4487A-UH0004	Unit Heater Steam, E-9B
4487A-UH0005	Unit Heater Steam, E-9C
4487A-UH0006	Unit Heater Steam, E-25
4487A-UH0007	Unit Heater Steam, E-7
4487A-UH0008	Unit Heater Steam, E-8
4487A-UH0009	Unit Heater Steam, E-9D
4487A-UPS0001	UPS Power System, Basement, Rm A003/Rm E9C
4487A-VSC0001	Variable Speed Control, A195/E10
4487A-VSC0001	Variable Speed Control, A195/E10
4487A-XFMR0001	Transformer, Rm A003, Basement
4487A-XFMR0004	Transformer, Rm A230A
4487A-XFMR0005	Transformer, Basement, Rm A003/Rm E9C
4487A-XFMR0006	Transformer, Basement, Rm A003/Rm E9C
4487A-XFMR0007	Transformer, A112N, REMOVED
4487A-XFMR0008	Transformer, Rm E-10, A-Wing
4487A-XFMR0009	Transformer, A183F E7, REMOVED
4487A-XFMR0010	Transformer, A183F E7, REMOVED
4487A-XFMR0011	Transformer, A183F E7, REMOVED
4487A-XFMR0015	Transformer, A195, REMOVED
4487A-XFMR0016	Transformer, Rm. A003, Basement
4487A-XFMR0017	Transformer, Rm. A003, Basement
4487A-XFMR0018	Transformer, Rm. A003, Basement
4487A-XFMR0019	Transformer, Rm. A003, Basement
4487A-XFMR0020	Transformer, Rm. A003, Basement

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487A-XFMR0021	Transformer, Rm. A003, Basement
4487A-XFMR0022	Transformer, Rm. A003, Basement
4487A-XFMR0023	Transformer, Rm. A003, Basement
4487A-XFMR0024	Transformer, Rm. A003, Basement
4487A-XFMR0025	Transformer, Rm. A003, Basement
4487A-XFMR0026	Transformer, Rm. A003, Basement
4487A-XFMR0027	Transformer, Rm. A003, Basement
4487A-XFMR0028	Transformer, Rm. A120, E-48
4487A-XFMR0029	Transformer, Rm. A112, E-02
4487A-XFMR0030	Transformer, Room E-10, Outside
4487A-XFMR0031	Transformer, Room A112, E-02
4487B-ACMP0001	Air Compressor Controller,Rm B114B/ Rm E14 - Disconnect in room E14 B-Wing
4487B-ACMP0002	Air Compressor Controller, Rm B126F/Rm E15 - Disconnect in room E15
4487B-ACMP0003	Air Compressor Controller,Rm B126F/Rm E15 - Disconnect in room E15
4487B-ACMP0004	Air Compressor Controller,Rm B001/Rm E18A
4487B-ADRY0001	Air Dryer,Rm B126F/Rm E15 - Disconnect in room E15
4487B-AH0001	Air Handling Unit, Rm B103/Rm E13 - Disconnect in room E13
4487B-AH0002	Air Handling Unit, Rm B103/ Rm E13 - Disconnect in room E13
4487B-AH0003	Air Handling Unit,Rm B114B/ Rm E14 - Disconnect in room E14 B-Wing
4487B-AH0003	Air Handling Unit,Rm B114B/ Rm E14 - Disconnect in room E14 B-Wing
4487B-AH0004	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
4487B-AH0004	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
4487B-AH0005	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
4487B-AH0006	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
4487B-AH0006	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
4487B-AH0007	Air Handling Unit, Rm Rm B126F/Rm E15 - Disconnect in room E15
4487B-AH0008	Air Handling Unit, Rm B155C/ Rm E16 - Disconnect in room E16
4487B-AH0008	Air Handling Unit, Rm B155C/ Rm E16 - Disconnect in room E16
4487B-AH0009	Air Handling Unit, Rm B187A/Rm E36 - Disconnect in room E36
4487B-AH0009	Air Handling Unit, Rm B187A/Rm E36 - Disconnect in room E36
4487B-AH0010	Air Handling Unit, Overhead, Rm B302, 3rd Floor, B Wing - Disconnect on unit
4487B-AH0014	Air Handling Unit, Rm B101E - Disconnect on unit
4487B-AH0015	Air Handling Unit, Rm B101E - Disconnect on unit
4487B-AH0016	Air Handling Unit, Rm B100 In Closet - Disconnect on unit
4487B-AH0020	Air Handling Unit, Rm E32 - Disconnect in room E32
4487B-AH0020	Air Handling Unit, Rm E32 - Disconnect in room E32
4487B-AH0021	Air Handling Unit, Rm B257A/E33 - Disconnect in room E33
4487B-AH0021	Air Handling Unit, Rm B257A/E33 - Disconnect in room E33
4487B-AH020A	Air Handling Unit, Rm B211/E31 - Disconnect in room E31
4487B-ATS0001	Auto Transfer Switch, Room W-102
4487B-BATB0002	Battery Bank, B-wing west outside
4487B-BFP0001	Back Flow Preventer - Hot, Rm B1/ E18A
4487BC-ACMP0001	Air Compressor Controller, Rm BC143D, E-57 - Disconnect in room E57
4487BC-ADRY0001	Air Dryer, Rm. BC143D, E-57 - Disconnect in room E57
4487BC-AH0001	Air Handling Unit,Rm BC157/Rm E19,BC Wing - Disconnect in room E19 BC wing
4487BC-AH0002	Air Handling Unit, Rm BC101 - Disconnect on unit
4487BC-AH0003	Air Handling Unit, Rm BC101 - Disconnect on unit
4487BC-AH0004	Air Handling Unit, Rm BC143D - Disconnect on unit
4487BC-AH0007	Air Handling Unit, Rm BC109/E45 - Disconnect in room E45
4487BC-CRN0001	3-Ton Bridge Crane, Rm. BC143 - Disconnect at WEST WALL
4487BC-CRN0002	3-Ton Bridge Crane, Rm. BC105 - Disconnect at ROOM BC 105
4487BC-DOOR0001	Roll-Up Door, BC Wing, North End - Disconnect at door
4487BC-DOOR0002	Roll-Up Door Manual, E-47

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487BC-DXAC0001	Direct Expansion AC Unit
4487BC-ELEV0001	Hydraulic Elevator, BC Wing - Disconnect at elevator
4487BC-HST0001	Hoist 2-Ton Electric, Rm BC140 - Disconnect at EAST WALL
4487BC-HST0002	Hoist 3-Ton, Optical Lab, BC108 - Disconnect at NORTHEAST WALL
4487BC-HUM0001	Humidifier, E-47 Overhead
4487BC-HUM0002	Humidifier, Rm Bc-109, E-45
4487BC-HUM0003	Humidifier, Rm Bc-101, E-47
4487BC-HUM0004	Humidifier, Rm Bc101, E-47, Overhead
4487B-CHWP0001	Pump Chilled Water, Rm B-126F, E-15
4487B-CHWP0003	Chill Water Pump, Rm B0001/ Rm E18A
4487B-CHWP0003	Chill Water Pump, Rm B0001/ Rm E18A
4487BC-LTS0001	Emergency Lighting - Dry, Hall, Near Rm BC144B
4487BC-LTS0002	Emergency Lighting - Dry, Rm BC143A
4487BC-LTS0003	Emergency Lighting - Fluoresc, Hallway to BC143
4487BC-LTS0004	Emergency Lighting - Fluoresc, Hall, Near BC100
4487BC-LTS0005	Emergency Lighting - Fluoresc, Hall, Near BC151
4487BC-LTS0006	Emergency Lighting - Fluoresc, Hall, Near BC157
4487BC-LTS0007	Emergency Lighting - Fluoresc, Hall, Near BC140
4487BC-LTS0008	Emergency Lighting - Dry, Rm BC143B
4487BC-MCC0001	Motor Control Center, Rm BC153, E-43
4487BC-ODT0007	Oxygen Detection System, Room Bc-190
4487BC-ODT0008	Oxygen Detection System, Room Bc-190
4487BC-PNL0001	Panel Board, Rm BC140
4487BC-PNL0002	Panel Board, RM BC140
4487BC-PNL0003	Panel Board, RM BC140
4487BC-PNL0004	Panel Board, Rm BC143
4487BC-PNL0005	Panel Board, Rm BC100, REMOVED
4487BC-PNL0006	Panel Board, Rm BC144A
4487BC-PNL0007	Panel Board, Rm BC144A
4487BC-PNL0008	Panel Board, Rm BC144B
4487BC-PNL0009	Panel Board, Rm BC143
4487BC-PNL0010	Panel Board, Rm BC143
4487BC-PNL0011	Panel Board, Rm BC143
4487BC-PNL0012	Panel Board, Rm BC143D
4487BC-PNL0013	Panel Board, Rm BC143D
4487BC-PNL0014	Panel Board, Rm BC143, REMOVED
4487BC-PNL0015	Panel Board, Rm BC103
4487BC-PNL0016	Panel Board, Rm BC103
4487BC-PNL0017	Panel Board, Rm BC102, REMOVED
4487BC-PNL0018	Panel Board, Rm BC108, REMOVED
4487BC-PNL0019	Panel Board, Rm BC108, REMOVED
4487BC-PNL0020	Panel Board, Rm BC150
4487BC-PNL0021	Panel Board, Rm BC151, REMOVED
4487BC-PNL0022	Panel Board, Rm BC153
4487BC-PNL0023	Panel Board, Rm BC153
4487BC-PNL0024	Panel Board, Rm BC153,
4487BC-PNL0025	Panel Board, Rm BC153
4487BC-PNL0026	Panel Board, Rm BC153
4487BC-PNL0027	Panel Board, Rm BC190
4487BC-PNL0028	Panel Board, Rm BC190
4487BC-PNL0029	Panel Board, Hall N. by BC105, REMOVED
4487BC-PNL0030	Panel Board, Room BC108
4487BC-PNL0031	Panel Board, Room BC108

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487BC-PNL0032	Panel Board, Room BC108
4487BC-PWC0001	Power Conditioner, Room Bc-100
4487BC-PWRC0001	Power Conditioner, Rm BC100
4487BC-RAF0001	Fan Return Air, Rm Bc-157,E-19
4487B-CRN0001	5-Ton Bridge Crane, Rm W104 - Disconnect at ROOM B 104
4487B-CRN0002	5-Ton Bridge Crane, Rm W106
4487B-CRU0001	Computer Room Unit, Rm B137 - Disconnect at unit
4487B-CRU0002	Computer Room Unit, Rm 141 Overhead - Disconnect at unit
4487B-CRU0003	Computer Room Unit, Rm B134 Overhead - Disconnect at unit
4487B-CRU0004	Computer Room Unit, Rm 136B Overhead - Disconnect at unit
4487B-CRU0007	Computer Room Unit, Rm B170 Overhead - Disconnect at unit
4487B-CRU0008	Computer Room Unit, Rm B170 Overhead - Disconnect at unit
4487B-CRU0009	Computer Room Unit, Rm B168 Overhead - Disconnect at unit
4487B-CRU0010	Computer Room Unit, Rm B168 Overhead - Disconnect at unit
4487B-CRU0011	Computer Room Unit, Rm B142 - Disconnect at unit
4487B-CRU0012	Computer Room Unit, Rm B142 - Disconnect at unit
4487B-CRU0013	Computer Room Unit, Rm B110 - Disconnect at unit
4487B-CRU0014	Computer Room Unit, Rm B112 - Disconnect at unit
4487B-CRU0015	Computer Room Unit, Rm B138 Overhead - Disconnect at unit
4487B-CRU0016	Computer Room Unit, Rm B136C - Disconnect at unit
4487BC-SAF0001	Fan Supply Air, E-47 Overhead
4487BC-SHEW0001	Emergency Shower/Eyewash, Bc152
4487BC-STRT0001	Starter, Room Bc-109
4487BC-STRT0002	Starter, Room Bc-143D
4487BC-STRT0003	Starter, Room Bc-190
4487BC-STRT0004	Starter, Room Bc-190
4487BC-STRT0005	Starter, Room Bc-190
4487BC-STRT0006	Starter, Room Bc-101
4487BC-STRT0007	Starter, Room Bc-101
4487BC-STRT0008	Starter, Room Bc-101
4487BC-STRT0010	Starter, Room Bc-101, E46
4487BC-STRT0011	Starter, Room Bc-101, E46
4487BC-STRT0012	Starter, Room Bc-101, E46
4487BC-SUB0001	Substation, Btwn B&C Wings Outside
4487BC-SUB0002	Substation, Midway Btwn B&C Wings, Outside
4487BC-UH0001	Unit Heater Electric, Bc143
4487BC-UH0002	Unit Heater Steam, E-19
4487BC-VSC0001	Variable Speed Control, Rm BC157/E19 Assoc. w/ AH1
4487BC-VSC0002	Variable Speed Control, BC157/E19 Assoc. w/ RAF1
4487BC-XFMR0001	Transformer, RM BC100
4487BC-XFMR0002	Transformer, Rm BC100, REMOVED
4487BC-XFMR0003	Transformer, Rm BC143, REMOVED
4487BC-XFMR0004	Transformer, Rm BC143D, REMOVED
4487BC-XFMR0005	Transformer, BC143, REMOVED
4487BC-XFMR0006	Transformer, BC143, REMOVED
4487BC-XFMR0007	Transformer, BC143 Dock, REMOVED
4487BC-XFMR0008	Transformer, Rm. BC153
4487BC-XFMR0009	Transformer, Rm. BC153
4487BC-XFMR0010	Transformer, Rm. BC190
4487BC-XFMR0011	Transformer, Outside Rm. BC143
4487BC-XFMR0012	Transformer, Rm. BC108, Outside N. Wall
4487B-DOOR0001	Roll-Up Door Manual, B101
4487B-DOOR0002	Roll-Up Door Manual, B101C

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487B-EAF0001	Exhaust Blower Fan, Rm B1/Rm E18A
4487B-EAF0002	Exhaust Blower Fan, Rm B211/E31
4487B-EAF0003	Exhaust Blower Fan, Rm E13
4487B-ELEV0001	Hydraulic Elevator, Rm B1/Rm E18A - Disconnect at elevator
4487B-EW0001	Safety Eye Wash, Room B100
4487B-EW0002	Safety Eye Wash, Room B101
4487B-EW0003	Safety Eye Wash, Room B102C
4487B-EW0004	Safety Eye Wash, Room B163 C
4487B-FID0004	Field Interface Device, Rm B001/ Basement
4487B-GEN0001	+
4487B-HST0001	+
4487B-HUM0001	Humidifier, B Wing, W End, Rm W103A/Rm E46 - Disconnect in room E46
4487B-HUM0002	Humidifier, Rm W103/E46A - Disconnect in room E46A
4487B-HWHD0001	Hot Water Heater - Domestic, Rm B1/Rm E18A - Disconnect in room E18
4487B-HWHD0002	Hot Water Heater - Domestic, Rm B103/ Rm E13 - Disconnect in room E13
4487B-HWHD0003	Hot Water Heater - Domestic, Rm B187A/Rm E36 - Disconnect in room E36
4487B-HWHD0004	Hot Water Heater - Domestic, Rm B1/E18A - Disconnect in room E18A
4487B-HWP0002	Hot Water Pump, Rm B1/Rm E18A - Disconnect in room E18
4487B-HWP0003	Hot Water Pump, Rm B1/Rm E18A - Disconnect in room E18
4487B-HWP0004	Hot Water Pump, Rm B187A/Rm E36 - Disconnect in room E36
4487B-LTS0001	Emergency Lighting - Fluoresc, Hall, Near Rm B200
4487B-LTS0002	Emergency Lighting - Fluoresc, Hall, Near Rm B208
4487B-LTS0003	Emergency Lighting - Fluoresc, Hall, Near Rm B2S1
4487B-LTS0004	Emergency Lighting - Fluoresc, Hall, Near Rm B212
4487B-LTS0005	Emergency Lighting - Fluoresc, Hall, Near Rm B215
4487B-LTS0006	Emergency Lighting - Fluoresc, Hall, Near Rm B221
4487B-LTS0007	Emergency Lighting - Fluoresc, Hall, Near Rm B227
4487B-LTS0008	Emergency Lighting - Fluoresc, Hall, Near Rm B229
4487B-LTS0009	Emergency Lighting - Fluoresc, Hall, Near Rm B233
4487B-LTS0010	Emergency Lighting - Fluoresc, Hall, Near Rm B234
4487B-LTS0011	Emergency Lighting - Fluoresc, Hall, Near Rm B243
4487B-LTS0012	Emergency Lighting - Fluoresc, Hall, Outside Rm B249B
4487B-LTS0013	Emergency Lighting - Fluoresc, Hall, Near Rm B255B
4487B-LTS0014	Emergency Lighting - Fluoresc, Hall, PNL- L22C-R
4487B-LTS0015	Emergency Lighting - Fluoresc, Hall, Near Rm B2S3
4487B-LTS0016	Emergency Lighting - Fluoresc, Hall, Near 267A, REMOVED
4487B-LTS0017	Emergency Lighting - Fluoresc, Hall, Near Rm B267A
4487B-LTS0018	Emergency Lighting - Fluoresc, Hall, Near Rm B270
4487B-LTS0019	Emergency Lighting - Fluoresc, Hall, Near Rm B281
4487B-LTS0020	Emergency Lighting - Fluoresc, Hall, Near Rm B287
4487B-LTS0021	Emergency Lighting - Fl, Hall, 1st B Wing E Stair
4487B-LTS0022	Emergency Lighting - Fluoresc, Hall, Near Rm B184
4487B-LTS0023	Emergency Lighting - Fluoresc, Hall, Near Rm B178B
4487B-LTS0024	Emergency Lighting - Fluoresc, Hall, Near Rm B170
4487B-LTS0025	Emergency Lighting - Fluoresc, Hall, Near Rm B168
4487B-LTS0026	Emergency Lighting - Fluoresc, Hall, Near Rm B144
4487B-LTS0027	Emergency Lighting - Fluoresc, Hall, Near Rm B1S3
4487B-LTS0028	Emergency Lighting - Fluoresc, Hall, Near Rm B140B
4487B-LTS0029	Emergency Lighting - Fluoresc, Near Rm B1S3
4487B-LTS0030	Emergency Lighting - Fluoresc, Stair, By Rm B2S3
4487B-LTS0031	Emergency Lighting - Fluoresc, Stair, Near B302
4487B-LTS0032	Emergency Lighting - Fluoresc, Hall, Near Rm B149A
4487B-LTS0033	Emergency Lighting - Fluoresc, Hall, Near Rm B136B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487B-LTS0034	Emergency Lighting - Fluoresc, Hall, Near Rm B139
4487B-LTS0035	Emergency Lighting - Fluoresc, Hall, Near Rm B131
4487B-LTS0036	Emergency Lighting - Flu, Hall, BC Hall, Fire Panel
4487B-LTS0037	Emergency Lighting - Fluoresc, Hall, Near Rm B125
4487B-LTS0038	Emergency Lighting - Fluoresc, Hall, Near Rm B114
4487B-LTS0039	Emergency Lighting - Fluoresc, Hall, Near Rm B123
4487B-LTS0040	Emergency Lighting - Fluoresc, Hall, Near Rm B112
4487B-LTS0041	Emergency Lighting - Fluoresc, Hall, Near Rm B111
4487B-LTS0042	Emergency Lighting - Fluoresc, Hall, Near Rm B101
4487B-LTS0043	Emergency Lighting - Fluoresc, Hall, Near Rm B104J
4487B-LTS0044	Emergency Lighting - Fluoresc, Center Stairs
4487B-LTS0045	Emergency Lighting - Fluoresc, Stairs to 3rd Floor
4487B-LTS0046	Emergency Lighting - Fluoresc, Stairs to 3rd Floor
4487B-LTS0047	Emergency Lighting - Fluoresc, Stairs East 1st to 2nd FL
4487B-LTS0048	Emergency Lighting - Fluoresc, Stairs Southwest 1st to 2nd FL
4487B-LTS-0048	Emergency Light, Stairs S.W. 1st To 2nd Fl.
4487B-LTS0049	Emergency Lighting - Fluoresc, Stairs to B-001
4487B-LTS0050	Emergency Lighting - Fluoresc, Stairs East
4487B-MCC0001	Motor Control Center, Basement, Rm B003/Rm E18C
4487B-MCC0002	Motor Control Center, Room B-126F, E-15
4487B-ODT0001	Oxygen Detection System, Rm W106
4487B-ODT0006	Oxygen Detection System, Room B-126
4487B-ODT0013	Oxygen Detection System, Room B-126C
4487B-ODT0014	Oxygen Detection System, B Wing Pump Hse. #1
4487B-PMP0001	RO System Booster Pump, Rm B163C
4487B-PNL0001	Panel Board, Rm B301
4487B-PNL0002	Panel Board, RM B262
4487B-PNL0003	Panel Board, Hallway at Rm B262
4487B-PNL0004	Panel Board, Rm B262
4487B-PNL0005	Panel Board, Rm B262
4487B-PNL0006	Panel Board, Rm B240
4487B-PNL0007	Panel Board, Rm B242
4487B-PNL0008	Panel Board, Rm B242
4487B-PNL0009	Panel Board, Rm B240
4487B-PNL0010	Panel Board, Rm B234
4487B-PNL0011	Panel Board, Rm B234
4487B-PNL0012	Panel Board, Rm B222
4487B-PNL0013	Panel Board, Rm B220, REMOVED
4487B-PNL0014	Panel Board, Rm B214
4487B-PNL0015	Panel Board, Rm B210
4487B-PNL0016	Panel Board, Rm B206
4487B-PNL0017	Panel Board, Rm B203A
4487B-PNL0018	Panel Board, Hallway at Rm B206
4487B-PNL0019	Panel Board, Rm B203A
4487B-PNL0020	Panel Board, Rm B101
4487B-PNL0021	Panel Board, Rm B101
4487B-PNL0022	Panel Board, Rm B142
4487B-PNL0023	Panel Board, Rm B168
4487B-PNL0024	Panel Board, Rm B168
4487B-PNL0025	Panel Board, Rm B144
4487B-PNL0026	Panel Board, Rm B144
4487B-PNL0027	Panel Board, Rm B144
4487B-PNL0028	Panel Board, RM B110, REMOVED

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487B-PNL0029	Panel Board, Rm B110
4487B-PNL0030	Panel Board, Hallway at Rm B101
4487B-PNL0031	Panel Board, Hallway at Rm B101
4487B-PNL0032	Panel Board, Rm B139
4487B-PNL0033	Panel Board, Rm B136B
4487B-PNL0034	Panel Board, Rm B136
4487B-PNL0035	Panel Board, Rm B140
4487B-PNL0036	Panel Board, Basement, Rm B003/Rm E18C
4487B-PNL0037	Panel Board, Basement, Rm B003/Rm E18C
4487B-PNL0038	Panel Board, Basement, Rm B003/Rm E18C
4487B-PNL0039	Panel Board, Basement, Rm B003/Rm E18C
4487B-PNL0040	Panel Board, Basement, Rm B003/Rm E18C
4487B-PNL0041	Panel Board, Rm B224/Rm E51
4487B-PNL0042	Panel Board, Rm B224/Rm E51
4487B-PNL0043	Panel Board, Rm B224/Rm E51
4487B-PNL0044	Panel Board, Rm B224/Rm E51
4487B-PNL0045	Panel Board, Rm B224/Rm E51
4487B-PNL0047	Panel Board, Rm A183F
4487B-PNL0048	Panel Board, B103, E13
4487B-PNL0049	Panel Board, B114, E41
4487B-PNL0050	Panel Board, B114, E41
4487B-PNL0051	Panel Board, B114, E41
4487B-PNL0052	Panel Board, B114, E41
4487B-PNL0053	Panel Board, B114, E41
4487B-PNL0054	Panel Board, B126F, E-15
4487B-PNL0055	Panel Board, B126F, E-15
4487B-PNL0056	Panel Board, Rm B126C
4487B-PNL0057	Panel Board, Rm W101
4487B-PNL0058	Panel Board, Rm W102
4487B-PNL0059	Panel Board, Rm E-46, B-Wing
4487B-PNL0060	Panel Board, Rm E-46, B-Wing
4487B-PNL0061	Panel Board, Room B101E
4487B-PNL0062	Panel Board, Room B101E
4487B-PNL0063	Panel Board, Room B101E
4487B-PNL0064	Panel Board, Room B103, E-13
4487B-PNL0065	Panel Board, Room E46, B-Wing
4487B-PNL0066	Panel Board, B-Wing, Pump House # 1
4487B-PNL0067	Panel Board, B-Wing, Pump House # 1
4487B-RAF0001	Return Air Fan, Rm E13, 1st Floor, B Wing - Disconnect in room E13 B-Wing
4487B-RAF0002	Return Air Fan, Rm E13, 1st Floor, B Wing - Disconnect in room E13 B-Wing
4487B-RAF0008	Return Air Fan, Rm B155C/ Rm E16 - Disconnect in room E16
4487B-RAF0009	Return Air Fan, Rm B187A/ Rm E36 - Disconnect in room E36
4487B-RAF0021	Return Air Fan, Rm E33 - Disconnect in room E33
4487B-RAF0021	Return Air Fan, Rm E33 - Disconnect in room E33
4487B-RAF0022	Return Air Fan, Rm E32 - Disconnect in room E32
4487B-RAF020A	Fan Return Air, E-31
4487B-ROSYS0001	Reverse Osmosis DI System, Rm B163C
4487B-SH0001	Safety Shower, Rm B163B
4487B-SHEW0001	Safety Shower & Eyewash, Outside South of Rm C159
4487B-SPMP001A	Sump Pump, Rm B1/Rm E18A - Disconnect in room E18
4487B-SPMP001B	Sump Pump, Rm B1/Rm E18A - Disconnect in room E18
4487B-SPR0001	Sprinkler System, Rm B173
4487B-SPR0002	Sprinkler System, Closet, Rm B104M

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487B-SSTA0001	Steam Station, Rm B0003/Rm E18C - Basement
4487B-STRT0001	Starter, Room B-126F, E15
4487B-STRT0002	Starter, Room B-126F, E15
4487B-STRT0003	Starter, Room B-126F, E15
4487B-STRT0004	Starter, Room B-001, Basement
4487B-STRT0005	Starter, Room B-001, Basement
4487B-STRT0006	Starter, Room B-001, Basement
4487B-STRT0007	Starter, Room B-001, Basement
4487B-STRT0008	Starter, Room B-101E
4487B-STRT0009	Starter, Room B-101E
4487B-UH0001	Unit Heater Steam, B103
4487B-UH0002	Unit Heater Steam, E-33
4487B-UH0003	Unit Heater Steam, E-32
4487B-UH0004	Unit Heater Steam, E-36
4487B-UH0005	Unit Heater Steam, E-15
4487B-UH0006	Unit Heater Steam, E-15
4487B-UH0007	Unit Heater Steam, E-46
4487B-UH0008	Unit Heater Steam, E-46
4487B-UH0009	Unit Heater Steam, E-18C
4487B-UH0010	Unit Heater Steam, E-18D
4487B-UH0011	Unit Heater Steam, E-18B
4487B-UPS0001	UPS Power System, Room W-101
4487B-VSC0001	Variable Speed Controller, Rm B0001/Rm E18A
4487B-XFMR0001	Transformer, Basement, Rm B003/Rm E18C
4487B-XFMR0002	Transformer, Basement, Rm B003/Rm E18C
4487B-XFMR0003	Transformer, Rm B224/Rm E51
4487B-XFMR0004	Transformer, B114, E41, REMOVED
4487B-XFMR0005	Transformer, Rm B126F, E-15
4487B-XFMR0006	Transformer, W101, REMOVED
4487B-XFMR0007	Transformer, W101, REMOVED
4487B-XFMR0008	Transformer, W101, REMOVED
4487B-XFMR0009	Transformer, Rm BC101, E-46
4487B-XFMR0010	Transformer, Room B126F, E-15
4487B-XFMR0011	Transformer, Room B101E
4487B-XFMR0012	Transformer, Room W-101
4487B-XFMR0013	Transformer, B-Wing, Pump House #1
4487B-XFR0001	Auto Transfer Switch, Room W-102
4487C-AH0001	Air Handling Unit, Rm C110/Rm E20, W End - Disconnect in room E20
4487C-AH0002	Air Handling Unit , Rm C113/E44, W End - Disconnect in room E44 W end
4487C-AH0002	Air Handling Unit , Rm C113/E44, W End - Disconnect in room E44 W end
4487C-AH0003	Air Handling Unit, Rm C157/E54 - Disconnect in room E54
4487C-AH0003	Air Handling Unit, Rm C157/E54 - Disconnect in room E54
4487C-AH0004	Air Handling Unit, Rm C157/E54 - Disconnect in room E54
4487C-AH0005	Air Handling Unit, Rm C178E/Rm E37, NE End Outside - Disconnect in room E37 NE side
4487C-AH0020	Air Handling Unit, Rm C213 Rm E60, 2nd Floor - Disconnect in room E60
4487C-AH0020	Air Handling Unit, Rm C213 Rm E60, 2nd Floor - Disconnect in room E60
4487C-AH0021	Air Handling Unit, Rm C213/Rm E60, 2nd Floor - Disconnect in room E60
4487C-AH0021	Air Handling Unit, Rm C213/Rm E60, 2nd Floor - Disconnect in room E60
4487C-AH0022	Air Handling Unit, Rm C246/E35 - Disconnect in room E35
4487C-ATS0001	Auto Transfer Switch, Room C157, E-54
4487C-BFP0001	Back Flow Preventer - Hot, Rm C178E/ E37
4487C-BFP0002	Back Flow Preventer - Chilled Water, Rm C157/E54
4487C-BFP0003	Back Flow Preventer - Hot Water, Rm C110/Rm E20

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487-CBP0002	Circuit Breaker Panel, Room W-101, B Wing
4487-CBP0003	Circuit Breaker Panel, Room Ab-140
4487-CBP0004	Circuit Breaker Panel, Room Ab-140C
4487-CBP0005	Circuit Breaker Panel, Room Ab-140C
4487-CBP0006	Circuit Breaker Panel, Room Bc-151A
4487-CBP0007	Circuit Breaker Panel, Room C-147
4487-CBP0008	Circuit Breaker Panel, Room C-171
4487C-CHWP0001	Chill Water Pump, Rm C157/E54 - Disconnect in room E54
4487C-CHWP0002	Chill Water Pump, Rm C157/E54 - Disconnect in room E54
4487C-CRU0020	Computer Room Unit, Rm C147 overhead - Disconnect at unit
4487C-CRU0021	Computer Room Unit, Rm C147 overhead - Disconnect at unit
4487C-CRU0022	Computer Room Unit, Rm C149 overhead - Disconnect at unit
4487C-CRU0023	Computer Room Unit, Rm C149 overhead - Disconnect at unit
4487C-CRU0024	Computer Room Unit, Rm C151 overhead - Disconnect at unit
4487C-CRU0025	Computer Room Unit, Rm C151 overhead - Disconnect at unit
4487C-CRU0026	Computer Room Unit, Rm C185 overhead - Disconnect at unit
4487C-CRU0027	Computer Room Unit, Rm C185 overhead
4487C-CRU0028	Computer Room Unit, Rm C187 overhead - Disconnect at unit
4487C-CRU0029	Computer Room Unit, Rm C169 PABX Room
4487C-DOOR0001	Folding Door Automatic, North C-Wing Entrance
4487C-DOOR0002	Folding Door Automatic, North Entrance To C-Wing
4487C-DOOR0003	Electric Assisted Door, C219
4487C-DXAC0001	Direct Expansion AC Unit, Rm C169 - Disconnect at unit
4487C-DXAC0001	Direct Expansion AC Unit, Rm C169 - Disconnect at unit
4487C-ELEV0001	Hydraulic Elevator, Basement, Rm C001 - Disconnect at elevator
4487C-ELEV0002	Elevator Electric, Outside C134
4487C-FID0001	Field Interface Device, Room C115, E-22
4487C-GEN0001	Emergency Generator, West End C-wing
4487C-GEN0002	Emergency Generator, C-Wing, SW Outside
4487C-HUM0001	Humidifier, Rm C178E/Rm E37, C-Wing, NE Outside - Disconnect in room E37 NE
4487C-HUM0002	Humidifier, Rm C246/E35 - Disconnect in room E35
4487C-HWP0001	Hot Water Pump, Rm C178E/Rm E37, NE Outside - Disconnect in room E37
4487C-HWP0002	Hot Water Pump, Rm C110/Rm E20, W End - Disconnect in room E20 W end
4487C-HWP0003	Hot Water Pump, Rm C157/E54 - Disconnect in room E54
4487C-HWP0004	Hot Water Pump, Rm C157/E54 - Disconnect in room E54
4487C-LTS0001	Emergency Lighting - Fluoresc, Hall, Near Rm C185
4487C-LTS0002	Emergency Lighting - Fluoresc, Hall, Near Rm C174
4487C-LTS0003	Emergency Lighting - Fluoresc, Hall, Near Rm C170
4487C-LTS0005	Emergency Lighting - Fluoresc, Hall, Near Rm C167
4487C-LTS0006	Emergency Lighting - Fluoresc, Hall, Near Rm C168
4487C-LTS0007	Emergency Lighting - Fluoresc, Hall, Near Rm C162
4487C-LTS0008	Emergency Lighting - Fluoresc, Hall, Near Rm C156
4487C-LTS0009	Emergency Lighting - Fluoresc, Hall, Near Rm C148
4487C-LTS0010	Emergency Lighting - Fluoresc, Hall, Near Rm C142
4487C-LTS0011	Emergency Lighting - Fluoresc, Hall, Near Rm C134
4487C-LTS0012	Emergency Lighting - Fluoresc, Hall, Near Rm C124
4487C-LTS0013	Emergency Lighting - Fluoresc, Hall, Near Rm C127
4487C-LTS0014	Emergency Lighting - Fluoresc, Hall, Near Rm C135
4487C-LTS0015	Emergency Lighting - Fluoresc, Hall, Near Rm C116
4487C-LTS0016	Emergency Lighting - Fluoresc, Hall, Near Rm C115
4487C-LTS0017	Emergency Lighting - Fluoresc, Hall, Near Rm C109
4487C-LTS0018	Emergency Lighting - Fluoresc, Hall, Near Rm C102
4487C-LTS0019	Emergency Lighting - Fluoresc, Hall, Near Rm C101

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487C-LTS0020	Emergency Lighting - Fluoresc, Hall, Near Rm C134, REMOVED
4487C-LTS0021	Emergency Lighting - Fluoresc, Hall, Near Rm C139
4487C-LTS0022	Emergency Lighting - Fluoresc, Hall, Near Rm C191
4487C-LTS0023	Emergency Lighting - Fluoresc, Hall, Near Rm C189
4487C-LTS0024	Emergency Lighting - Fluoresc, Hall, Near Rm C200
4487C-LTS0025	Emergency Lighting - Fluoresc, Hall, Near Rm C203
4487C-LTS0026	Emergency Lighting - Fluoresc, Hall, Near Rm C212
4487C-LTS0027	Emergency Lighting - Fluoresc, Hall, Near Rm C216
4487C-LTS0028	Emergency Lighting - Fluoresc, Hall, Near Rm C222
4487C-LTS0029	Emergency Lighting - Fluoresc, Hall, Near Rm C225
4487C-LTS0030	Emergency Lighting - Fluoresc, Hall, Near Elevator
4487C-LTS0031	Emergency Lighting - Fluoresc, Hall, Near Rm C229
4487C-LTS0032	Emergency Lighting - Fluoresc, Hall, Near Rm C234
4487C-LTS0033	Emergency Lighting - Fluoresc, Hall, Near Rm C238
4487C-LTS0034	Emergency Lighting - Fluoresc, Hall, Near Rm C242
4487C-LTS0035	Emergency Lighting - Flu, C Wing East Stair, N 2nd
4487C-LTS0036	Emergency Lighting - Flu, C Wing East Stair, S 2nd
4487C-LTS0037	Emergency Lighting - Fluoresc, Hall, Near Rm C256
4487C-LTS0038	Emergency Lighting - Flu, C Wing West Stair, S 2nd
4487C-LTS0039	Emergency Lighting - Flu, C Wing West Stair, N 2nd
4487C-LTS0040	Emergency Lighting - Flu, C Wing Stair, By Rm C225, REMOVED
4487C-LTS0041	Emergency Lighting - Flu, C Wing East Stairs
4487C-LTS0042	Emergency Lighting - Flu, C Wing HDCP Lift Area
4487C-LTS0043	Emergency Lighting - Flu, C Wing East Stairs
4487C-LTS0044	Emergency Lighting - Flu, C Wing West Stairs
4487C-LTS0048	Emergency Lighting - Fluoresc, Hall, Near Rm C191, REMOVED
4487C-MCC0001	Motor Control Center, Rm C157/E54
4487C-MCC0002	Motor Control Center, Rm C213/E60
4487C-MCC0003	Motor Control Center, Rm C112/E21
4487C-MCC0004	Motor Control Center, Rm C178F
4487C-ODT0001	Oxygen Detection System, Hallway Outside Rm C176
4487C-ODT0005	Oxygen Detection System, Hall At C-185
4487-COIL0001	VAV/Reheat Coil, Lobby (1-1P)
4487-COIL0002	VAV/Reheat Coil, Lobby (1-4C)
4487-COIL0003	VAV/Reheat Coil, Lobby (1-4D)
4487-COIL0004	VAV/Reheat Coil, Rm A100 (1-1G)
4487-COIL0005	VAV/Reheat Coil, Rm A100 (1-1H)
4487-COIL0006	VAV/Reheat Coil, Rm A100 (1-1F)
4487-COIL0007	VAV/Reheat Coil, Rm A100 (1-1E)
4487-COIL0008	VAV/Reheat Coil, Rm A100 (1-1J)
4487-COIL0009	VAV/Reheat Coil, Rm A100A (1-1N)
4487-COIL0010	VAV/Reheat Coil, Rm A100B (1-1M)
4487-COIL0011	VAV/Reheat Coil, Rm A100C (1-1L)
4487-COIL0012	VAV/Reheat Coil, Rm A100D (1-1K)
4487-COIL0013	VAV/Reheat Coil, Rm A100E (1-1C)
4487-COIL0014	VAV/Reheat Coil, Rm A100E (1-1D)
4487-COIL0015	VAV/Reheat Coil, Rm A100F (1-1A)
4487-COIL0016	VAV/Reheat Coil, Rm A100F (1-1E)
4487-COIL0017	VAV/Reheat Coil, Outside Rm A102 (1-5JJJ)
4487-COIL0018	VAV/Reheat Coil, Outside Rm A102 (1-5R)
4487-COIL0019	VAV/Reheat Coil, Rm A103 (1-1T)
4487-COIL0020	VAV/Reheat Coil, Rm A103 (1-1U)
4487-COIL0021	VAV/Reheat Coil, Outside Rm A103 (1-1S)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487-COIL0022	VAV/Reheat Coil, Rm A105 (1-1W)
4487-COIL0023	VAV/Reheat Coil, Rm A107 (1-1X)
4487-COIL0024	VAV/Reheat Coil, Rm A109 (1-1Y)
4487-COIL0025	VAV/Reheat Coil, Rm A111 (1-1Z)
4487-COIL0026	VAV/Reheat Coil, Rm A112 (1-1A)
4487-COIL0027	VAV/Reheat Coil, Rm A112 (1-2B)
4487-COIL0028	VAV/Reheat Coil, Rm A113 (1-1AA)
4487-COIL0029	VAV/Reheat Coil, Rm A115 (1-1BB)
4487-COIL0030	VAV/Reheat Coil, Rm A116A (1-3C)
4487-COIL0031	VAV/Reheat Coil, Rm A116 (1-3B)
4487-COIL0032	VAV/Reheat Coil, Rm A117 (1-1CC)
4487-COIL0033	VAV/Reheat Coil, Rm A119 (1-1DD)
4487-COIL0034	VAV/Reheat Coil, Rm A121 (1-1EE)
4487-COIL0035	VAV/Reheat Coil, Rm A123 (1-4F)
4487-COIL0036	VAV/Reheat Coil, Rm A123 (1-4E)
4487-COIL0037	VAV/Reheat Coil, Outside Rm A125 (1-4A)
4487-COIL0038	VAV/Reheat Coil, Rm A126 (1-4B)
4487-COIL0039	VAV/Reheat Coil, Rm A128 (1-5RR)
4487-COIL0040	VAV/Reheat Coil, Rm A129 (1-5PP)
4487-COIL0041	VAV/Reheat Coil, Rm A129A (1-5SS)
4487-COIL0042	VAV/Reheat Coil, Rm A130 (1-5QQ)
4487-COIL0043	VAV/Reheat Coil, Rm A131 (1-5NN)
4487-COIL0044	VAV/Reheat Coil, Rm A132 (1-5KK)
4487-COIL0045	VAV/Reheat Coil, Rm A132 (1-5DD)
4487-COIL0046	VAV/Reheat Coil, Rm A132 (1-5FF)
4487-COIL0047	VAV/Reheat Coil, Rm A132 (1-5JJ)
4487-COIL0048	VAV/Reheat Coil, Rm A132 (1-5MM)
4487-COIL0049	VAV/Reheat Coil, Rm A133 (1-5LL)
4487-COIL0050	VAV/Reheat Coil, Rm A134 (1-5BB)
4487-COIL0051	VAV/Reheat Coil, Rm A135 (1-5HH)
4487-COIL0052	VAV/Reheat Coil, Rm A136 (1-5W)
4487-COIL0053	VAV/Reheat Coil, Rm A136 (1-5Z)
4487-COIL0054	VAV/Reheat Coil, Rm A137 (1-5GG)
4487-COIL0055	VAV/Reheat Coil, Rm A138 (1-5V)
4487-COIL0056	VAV/Reheat Coil, Rm A139 (1-5EE)
4487-COIL0057	VAV/Reheat Coil, Rm A140 (1-5T)
4487-COIL0058	VAV/Reheat Coil, Rm A141 (1-5CC)
4487-COIL0059	VAV/Reheat Coil, Rm A143 (1-5AA)
4487-COIL0060	VAV/Reheat Coil, Rm A145 (1-5Y)
4487-COIL0061	VAV/Reheat Coil, Rm A147 (1-5X)
4487-COIL0062	VAV/Reheat Coil, Rm A149 (1-5U)
4487-COIL0063	VAV/Reheat Coil, Rm A152 (1-5L)
4487-COIL0064	VAV/Reheat Coil, Rm A154 (1-5K)
4487-COIL0065	VAV/Reheat Coil, Rm A155 (1-5S)
4487-COIL0066	VAV/Reheat Coil, Rm A157 (1-5R)
4487-COIL0067	VAV/Reheat Coil, Rm A159 (1-5Q)
4487-COIL0068	VAV/Reheat Coil, Rm A161 (1-5P)
4487-COIL0069	VAV/Reheat Coil, Rm A163 (1-5N)
4487-COIL0070	VAV/Reheat Coil, Rm A165 (1-5M)
4487-COIL0071	VAV/Reheat Coil, Outside Rm A169L (1-5A)
4487-COIL0072	VAV/Reheat Coil, Rm A171 (1-5B)
4487-COIL0073	VAV/Reheat Coil, Outside Rm A171 (1-5J)
4487-COIL0074	VAV/Reheat Coil, Rm A173 (1-5D)

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LOCATION	DESCRIPTION
4487-COIL0075	VAV/Reheat Coil, Rm A173 (1-5C)
4487-COIL0076	VAV/Reheat Coil, Rm A175 (1-5E)
4487-COIL0077	VAV/Reheat Coil, Rm A179 (1-5G)
4487-COIL0078	VAV/Reheat Coil, Rm A179 (1-5F)
4487-COIL0079	VAV/Reheat Coil, Rm A181 (1-5H)
4487-COIL0080	VAV/Reheat Coil, Rm A200A (1-1PP)
4487-COIL0081	VAV/Reheat Coil, Rm A200B (1-1SS)
4487-COIL0082	VAV/Reheat Coil, Rm A200C (1-1LL)
4487-COIL0083	VAV/Reheat Coil, Rm A200C (1-1TT)
4487-COIL0084	VAV/Reheat Coil, Outside Rm A200D (1-1KK)
4487-COIL0085	VAV/Reheat Coil, Rm A200E (1-1NN)
4487-COIL0086	VAV/Reheat Coil, Rm A201 (1-1FF)
4487-COIL0087	VAV/Reheat Coil, Rm A202A (1-1MM)
4487-COIL0088	VAV/Reheat Coil, Rm A202 (1-1JJ)
4487-COIL0089	VAV/Reheat Coil, Rm A203 (1-1GG)
4487-COIL0090	VAV/Reheat Coil, Rm A204 (1-1HH)
4487-COIL0091	VAV/Reheat Coil, Rm A205 (1-1YY)
4487-COIL0092	VAV/Reheat Coil, Rm A205 (1-1QQ)
4487-COIL0093	VAV/Reheat Coil, Rm A205A (1-1XX)
4487-COIL0094	VAV/Reheat Coil, Rm A205B (1-1BBB)
4487-COIL0095	VAV/Reheat Coil, Outside Rm A206 (1-1VVV)
4487-COIL0096	VAV/Reheat Coil, Outside Rm A206 (1-1UU)
4487-COIL0097	VAV/Reheat Coil, Rm A207 (1-1CCC)
4487-COIL0098	VAV/Reheat Coil, Rm A209 (1-1GGG)
4487-COIL0099	VAV/Reheat Coil, Rm A209 (1-1JJJ)
4487-COIL0100	VAV/Reheat Coil, Rm A209A (1-1FFF)
4487-COIL0101	VAV/Reheat Coil, Rm A209B (1-1KKK)
4487-COIL0102	VAV/Reheat Coil, Rm A211 (1-1LLL)
4487-COIL0103	VAV/Reheat Coil, Rm A213 (1-1NNN)
4487-COIL0104	VAV/Reheat Coil, Rm A214B (1-1WW)
4487-COIL0105	VAV/Reheat Coil, Rm A214B (1-1WW)
4487-COIL0106	VAV/Reheat Coil, Rm A215 (1-1PPP)
4487-COIL0107	VAV/Reheat Coil, Rm A216 (1-1ZZ)
4487-COIL0108	VAV/Reheat Coil, Rm A216 (1-1AAA)
4487-COIL0109	VAV/Reheat Coil, Rm A217 (1-1SSS)
4487-COIL0110	VAV/Reheat Coil, Rm A217A (1-1QQQ)
4487-COIL0111	VAV/Reheat Coil, Rm A217B (1-1TTT)
4487-COIL0112	VAV/Reheat Coil, Rm A218 (1-1DDD)
4487-COIL0113	VAV/Reheat Coil, Rm A218 (1-1EEE)
4487-COIL0114	VAV/Reheat Coil, Rm A219 (2-1B)
4487-COIL0115	VAV/Reheat Coil, Outside Rm A219 (2-1A)
4487-COIL0116	VAV/Reheat Coil, Rm A220 (1-1HHH)
4487-COIL0117	VAV/Reheat Coil, Rm A220 (1-1WWW)
4487-COIL0118	VAV/Reheat Coil, Rm A221 (2-1C)
4487-COIL0119	VAV/Reheat Coil, Rm A222 (1-1MMM)
4487-COIL0120	VAV/Reheat Coil, Rm A223 (2-1E)
4487-COIL0121	VAV/Reheat Coil, Rm A225 (2-1J)
4487-COIL0122	VAV/Reheat Coil, Rm A225A (2-1G)
4487-COIL0123	VAV/Reheat Coil, Rm A225B (2-1L)
4487-COIL0124	VAV/Reheat Coil, Rm A227 (2-1N)
4487-COIL0125	VAV/Reheat Coil, Rm A228 (1-1W)
4487-COIL0126	VAV/Reheat Coil, Rm A228 (1-1RRR)
4487-COIL0127	VAV/Reheat Coil, Rm A229 (2-1Q)

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LOCATION	DESCRIPTION
4487-COIL0128	VAV/Reheat Coil, Rm A231 (2-1R)
4487-COIL0129	VAV/Reheat Coil, Rm A233 (2-2BB)
4487-COIL0130	VAV/Reheat Coil, Rm A233A (2-2DD)
4487-COIL0131	VAV/Reheat Coil, Rm A233B (2-2AA)
4487-COIL0132	VAV/Reheat Coil, Rm A235 (2-2Y)
4487-COIL0133	VAV/Reheat Coil, Rm A237A (2-2W)
4487-COIL0134	VAV/Reheat Coil, Rm A237 (2-2V)
4487-COIL0135	VAV/Reheat Coil, Rm A237B (2-2S)
4487-COIL0136	VAV/Reheat Coil, Rm A238 (2-1D)
4487-COIL0137	VAV/Reheat Coil, Rm A239 (2-2R)
4487-COIL0138	VAV/Reheat Coil, Rm A239 (2-2N)
4487-COIL0139	VAV/Reheat Coil, Rm A240 (2-1F)
4487-COIL0140	VAV/Reheat Coil, Rm A241 (2-2M)
4487-COIL0141	VAV/Reheat Coil, Rm A241A (2-2L)
4487-COIL0142	VAV/Reheat Coil, Rm A242 (2-1H)
4487-COIL0143	VAV/Reheat Coil, Rm A243 (2-2J)
4487-COIL0144	VAV/Reheat Coil, Rm A243 (2-2H)
4487-COIL0145	VAV/Reheat Coil, Rm A244 (2-1M)
4487-COIL0146	VAV/Reheat Coil, Rm A244 (2-1K)
4487-COIL0147	VAV/Reheat Coil, Rm A246 (2-1P)
4487-COIL0148	VAV/Reheat Coil, Outside Rm A247M (2-2A)
4487-COIL0149	VAV/Reheat Coil, Rm A248 (2-1S)
4487-COIL0150	VAV/Reheat Coil, Rm A249 (2-2C)
4487-COIL0151	VAV/Reheat Coil, Rm A249A (2-2B)
4487-COIL0152	VAV/Reheat Coil, Outside Rm A249A (2-2E)
4487-COIL0153	VAV/Reheat Coil, Rm A249B (2-2D)
4487-COIL0154	VAV/Reheat Coil, Rm A250 (2-2CC)
4487-COIL0155	VAV/Reheat Coil, Rm A252 (2-2E)
4487-COIL0156	VAV/Reheat Coil, Rm A254 (2-2X)
4487-COIL0157	VAV/Reheat Coil, Rm A254 (2-2X)
4487-COIL0158	VAV/Reheat Coil, Rm A256 (2-2U)
4487-COIL0159	VAV/Reheat Coil, Rm A258 (2-2T)
4487-COIL0160	VAV/Reheat Coil, Rm A258 (2-2Q)
4487-COIL0161	VAV/Reheat Coil, Rm A260 (2-2P)
4487-COIL0162	VAV/Reheat Coil, Rm A262 (2-2K)
4487-COIL0163	VAV/Reheat Coil, Rm A264 (2-2G)
4487-COIL0164	VAV/Reheat Coil, Rm A264 (2-2F)
4487-COIL0165	VAV/Reheat Coil, Rm AB104 (AB21-B)
4487-COIL0166	VAV/Reheat Coil, Rm AB104 (AB21-C)
4487-COIL0167	VAV/Reheat Coil, Rm AB105 (AB21-A)
4487-COIL0168	VAV/Reheat Coil, Rm AB105 (AB21-K)
4487-COIL0169	VAV/Reheat Coil, Rm AB106 (AB21-E)
4487-COIL0170	VAV/Reheat Coil, Rm AB107 (AB21-D)
4487-COIL0171	VAV/Reheat Coil, Rm AB107 (AB21-H)
4487-COIL0172	VAV/Reheat Coil, Rm AB107 (AB21-J)
4487-COIL0173	VAV/Reheat Coil, Rm AB107 (AB21-G)
4487-COIL0174	VAV/Reheat Coil, Rm AB201 (AB20-K)
4487-COIL0175	VAV/Reheat Coil, Rm AB201 (AB20-J)
4487-COIL0176	VAV/Reheat Coil, Rm AB202 (AB20-H)
4487-COIL0177	VAV/Reheat Coil, Rm AB203 (AB20-G)
4487-COIL0178	VAV/Reheat Coil, Rm AB204 (AB20-P)
4487-COIL0179	VAV/Reheat Coil, Rm AB205 (AB20-E)
4487-COIL0180	VAV/Reheat Coil, Rm AB206 (AB20-D)

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LOCATION	DESCRIPTION
4487-COIL0181	VAV/Reheat Coil, Rm AB207 (AB20-B)
4487-COIL0182	VAV/Reheat Coil, Rm AB208 (AB20-C)
4487-COIL0183	VAV/Reheat Coil, Rm AB210 (AB20-A)
4487-COIL0184	VAV/Reheat Coil, Rm AB211A (AB22-A)
4487-COIL0185	VAV/Reheat Coil, Outside Rm AB212 (AB22-D)
4487-COIL0186	VAV/Reheat Coil, Rm AB214 (AB22-C)
4487-COIL0187	VAV/Reheat Coil, Rm AB215 (AB22-F)
4487-COIL0188	VAV/Reheat Coil, Rm AB216 (AB22-B)
4487-COIL0189	VAV/Reheat Coil, Rm AB217 (AB22-H)
4487-COIL0190	VAV/Reheat Coil, Outside Rm AB218 (AB22-E)
4487-COIL0191	VAV/Reheat Coil, Rm AB219 (AB22-J)
4487-COIL0192	VAV/Reheat Coil, Rm AB222 (AB22-G)
4487-COIL0193	VAV/Reheat Coil, Rm B101 (1-C)
4487-COIL0194	VAV/Reheat Coil, Rm B101 (1-B)
4487-COIL0195	VAV/Reheat Coil, Rm B101A (1-E)
4487-COIL0196	VAV/Reheat Coil, Rm B102C (1-D)
4487-COIL0197	VAV/Reheat Coil, Rm B102C (1-A)
4487-COIL0198	VAV/Reheat Coil, Outside Rm B103/E13 (2-B)
4487-COIL0199	VAV/Reheat Coil, Rm B105 (2-D)
4487-COIL0200	VAV/Reheat Coil, Outside Rm B105 (2-C)
4487-COIL0201	VAV/Reheat Coil, Rm B106 (2-E)
4487-COIL0202	VAV/Reheat Coil, Rm B106A (2-A)
4487-COIL0203	VAV/Reheat Coil, Rm B108A (2-F)
4487-COIL0204	VAV/Reheat Coil, Rm B111 (2-G)
4487-COIL0205	VAV/Reheat Coil, Rm B112 (3-C)
4487-COIL0206	VAV/Reheat Coil, Rm B115A (3-D)
4487-COIL0207	VAV/Reheat Coil, Rm B119B (3-B)
4487-COIL0208	VAV/Reheat Coil, Outside Rm B121A (3-A)
4487-COIL0209	VAV/Reheat Coil, Rm B127 (3-F)
4487-COIL0210	VAV/Reheat Coil, Rm B128M (3-G)
4487-COIL0211	VAV/Reheat Coil, Rm B130 (8-BB)
4487-COIL0212	VAV/Reheat Coil, Rm B130B (8-Z)
4487-COIL0213	VAV/Reheat Coil, Rm B132A (8-Y)
4487-COIL0214	VAV/Reheat Coil, Rm B133 (8-AA)
4487-COIL0215	VAV/Reheat Coil, Rm B134 (8-V)
4487-COIL0216	VAV/Reheat Coil, Rm B135 (8-X)
4487-COIL0217	VAV/Reheat Coil, Rm B137 (8-W)
4487-COIL0218	VAV/Reheat Coil, Rm B138 (8-Q)
4487-COIL0219	VAV/Reheat Coil, Rm B139 (8-U)
4487-COIL0220	VAV/Reheat Coil, Rm B140A (8-M)
4487-COIL0221	VAV/Reheat Coil, Rm B140B (8-K)
4487-COIL0222	VAV/Reheat Coil, Rm B141 (8-T)
4487-COIL0223	VAV/Reheat Coil, Rm B142 (8-H)
4487-COIL0224	VAV/Reheat Coil, Outside Rm B142 (8-CC)
4487-COIL0225	VAV/Reheat Coil, Rm B145 (8-R)
4487-COIL0226	VAV/Reheat Coil, Outside Rm B147 (8-P)
4487-COIL0227	VAV/Reheat Coil, Rm B151 (8-N)
4487-COIL0228	VAV/Reheat Coil, Rm B153 (8-L)
4487-COIL0229	VAV/Reheat Coil, Rm B155 (8-J)
4487-COIL0230	VAV/Reheat Coil, Rm B164 (8-B)
4487-COIL0231	VAV/Reheat Coil, Rm B165 (8-A)
4487-COIL0232	VAV/Reheat Coil, Outside Rm B165 (8-C)
4487-COIL0233	VAV/Reheat Coil, Rm B166 (8-E)

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LOCATION	DESCRIPTION
4487-COIL0234	VAV/Reheat Coil, Rm B169 (8-D)
4487-COIL0235	VAV/Reheat Coil, Rm B172 (9-G)
4487-COIL0236	VAV/Reheat Coil, Rm B175 (8-G)
4487-COIL0237	VAV/Reheat Coil, Rm B176 (9-E)
4487-COIL0238	VAV/Reheat Coil, Rm B179 (9-F)
4487-COIL0239	VAV/Reheat Coil, Rm B182 (9-B)
4487-COIL0240	VAV/Reheat Coil, Rm B184 (9-A)
4487-COIL0241	VAV/Reheat Coil, Rm B185 (9-D)
4487-COIL0242	VAV/Reheat Coil, Rm B187 (9-C)
4487-COIL0243	VAV/Reheat Coil, Rm B200 (20A-J)
4487-COIL0244	VAV/Reheat Coil, Rm B200 (20A-G)
4487-COIL0245	VAV/Reheat Coil, Rm B200 (20A-L)
4487-COIL0246	VAV/Reheat Coil, Rm B200A (20A-H)
4487-COIL0247	VAV/Reheat Coil, Rm B200B (20A-K)
4487-COIL0248	VAV/Reheat Coil, Rm B202 (20A-D)
4487-COIL0249	VAV/Reheat Coil, Rm B203 (20A-A)
4487-COIL0250	VAV/Reheat Coil, Rm B203A (20A-E)
4487-COIL0251	VAV/Reheat Coil, Outside Rm B206 (20A-B)
4487-COIL0252	VAV/Reheat Coil, Rm B207 (20A-C)
4487-COIL0253	VAV/Reheat Coil, Rm B210 (20A-M)
4487-COIL0254	VAV/Reheat Coil, Rm B210 (20A-N)
4487-COIL0255	VAV/Reheat Coil, Rm B210 (20A-P)
4487-COIL0256	VAV/Reheat Coil, Rm B211B (20A-R)
4487-COIL0257	VAV/Reheat Coil, Rm B214 (20A-Q)
4487-COIL0258	VAV/Reheat Coil, Rm B214 (20A-S)
4487-COIL0259	VAV/Reheat Coil, Rm B214 (20A-T)
4487-COIL0260	VAV/Reheat Coil, Rm B216 (20A-V)
4487-COIL0261	VAV/Reheat Coil, Rm B217A (20A-U)
4487-COIL0262	VAV/Reheat Coil, Rm B218 (20A-X)
4487-COIL0263	VAV/Reheat Coil, Rm B220 (20A-Y)
4487-COIL0264	VAV/Reheat Coil, Rm B221 (20A-W)
4487-COIL0265	VAV/Reheat Coil, Rm B222 (20A-AA)
4487-COIL0266	VAV/Reheat Coil, Rm B225 (20A-Z)
4487-COIL0267	VAV/Reheat Coil, Rm B228M (20A-BB)
4487-COIL0268	VAV/Reheat Coil, Rm B229B (20-B)
4487-COIL0269	VAV/Reheat Coil, Outside Rm B231A at Stairs (20A-)
4487-COIL0270	VAV/Reheat Coil, Rm B232A (20-C)
4487-COIL0271	VAV/Reheat Coil, Rm B233 (20-D)
4487-COIL0272	VAV/Reheat Coil, Rm B234 (20-E)
4487-COIL0273	VAV/Reheat Coil, Rm B234 (20-F)
4487-COIL0274	VAV/Reheat Coil, Rm B237 (20-G)
4487-COIL0275	VAV/Reheat Coil, Rm B238 (21-S)
4487-COIL0276	VAV/Reheat Coil, Rm B240 (21-Q)
4487-COIL0277	VAV/Reheat Coil, Rm B240 (21-P)
4487-COIL0278	VAV/Reheat Coil, Rm B243 (21-R)
4487-COIL0279	VAV/Reheat Coil, Rm BC140 (BCA-1E)
4487-COIL0280	VAV/Reheat Coil, Rm BC140 (BCA-1F)
4487-COIL0281	VAV/Reheat Coil, Rm BC150 (BCA-1C)
4487-COIL0282	VAV/Reheat Coil, Rm BC150 (BCA-1D)
4487-COIL0283	VAV/Reheat Coil, Rm BC151 (BCA-1L)
4487-COIL0284	VAV/Reheat Coil, Rm BC151 (BCA-1K)
4487-COIL0285	VAV/Reheat Coil, Rm BC151A (BCA-1J)
4487-COIL0286	VAV/Reheat Coil, Rm BC151B (BCA-1G)

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LOCATION	DESCRIPTION
4487-COIL0287	VAV/Reheat Coil, Rm BC152 (BCA-1H)
4487-COIL0288	VAV/Reheat Coil, Rm BC154 (BCA-1A)
4487-COIL0289	VAV/Reheat Coil, Rm BC154 (BCA-1B)
4487-COIL0290	VAV/Reheat Coil, Hallway (AH-4 VAV4)
4487-COIL0291	VAV/Reheat Coil, Hallway (AH-4 VAV1)
4487-COIL0292	VAV/Reheat Coil, Hallway (AH-3 VAV5)
4487-COIL0293	VAV/Reheat Coil, Hallway (AH-3 SPT12)
4487-COIL0294	VAV/Reheat Coil, Rm C100 (AH-1 VAV10)
4487-COIL0295	VAV/Reheat Coil, Rm C102 (AH-1 VAV8)
4487-COIL0296	VAV/Reheat Coil, Rm C103 (AH-1 VAV9)
4487-COIL0297	VAV/Reheat Coil, Rm C104 (AH-1 VAV6)
4487-COIL0298	VAV/Reheat Coil, Rm C105 (AH-1 VAV7)
4487-COIL0299	VAV/Reheat Coil, Rm C107 (AH-1 VAV5)
4487-COIL0300	VAV/Reheat Coil, Rm C108 (AH-1 VAV3)
4487-COIL0301	VAV/Reheat Coil, Rm C109 (AH-1 VAV4)
4487-COIL0302	VAV/Reheat Coil, Rm C111 (AH-1 VAV2)
4487-COIL0303	VAV/Reheat Coil, Rm C112 (AH-2 VAV2)
4487-COIL0304	VAV/Reheat Coil, Rm C114 (AH-2 VAV4)
4487-COIL0305	VAV/Reheat Coil, Rm C115 (AH-2 VAV3)
4487-COIL0306	VAV/Reheat Coil, Rm C116 (AH-2 VAV7)
4487-COIL0307	VAV/Reheat Coil, Rm C117 (AH-2 VAV5)
4487-COIL0308	VAV/Reheat Coil, Rm C117 (AH-2 VAV8)
4487-COIL0309	VAV/Reheat Coil, Rm C118 (AH-2 VAV9)
4487-COIL0310	VAV/Reheat Coil, Rm C119 (AH-2 VAV8)
4487-COIL0311	VAV/Reheat Coil, Rm C120 (AH-2 VAV11)
4487-COIL0312	VAV/Reheat Coil, Rm C122 (AH-2 VAV13)
4487-COIL0313	VAV/Reheat Coil, Rm C123 (AH-2 VAV10)
4487-COIL0314	VAV/Reheat Coil, Rm C124 (AH-2 VAV18)
4487-COIL0315	VAV/Reheat Coil, Rm C125 (AH-2 VAV12)
4487-COIL0316	VAV/Reheat Coil, Rm C127 (AH-2 VAV14)
4487-COIL0317	VAV/Reheat Coil, Rm C128 (BCAH-1 VAV13)
4487-COIL0318	VAV/Reheat Coil, Rm C129 (AH-2 VAV15)
4487-COIL0319	VAV/Reheat Coil, Rm C131 (AH-2 VAV17)
4487-COIL0320	VAV/Reheat Coil, Rm C134 (AH-3 VAV17)
4487-COIL0321	VAV/Reheat Coil, Rm C138 (AH-3 VAV15)
4487-COIL0322	VAV/Reheat Coil, Outside Rm C138 (BCAH-1 VAV12)
4487-COIL0323	VAV/Reheat Coil, Rm C142 (AH-3 VAV13)
4487-COIL0324	VAV/Reheat Coil, Rm C146 (AH-3 VAV10)
4487-COIL0325	VAV/Reheat Coil, Rm C147 (AH-3 VAV14)
4487-COIL0326	VAV/Reheat Coil, Rm C147 (AH-3 VAV15)
4487-COIL0327	VAV/Reheat Coil, Rm C147 (AH-3 VAV18)
4487-COIL0328	VAV/Reheat Coil, Rm C149 (AH-3 VAV11)
4487-COIL0329	VAV/Reheat Coil, Rm C151 (AH-3 VAV9)
4487-COIL0330	VAV/Reheat Coil, Rm C151A (AH-3 VAV4)
4487-COIL0331	VAV/Reheat Coil, Rm C152 (AH-3 VAV8)
4487-COIL0332	VAV/Reheat Coil, Rm C153 (AH-3 VAV2)
4487-COIL0333	VAV/Reheat Coil, Rm C155 (AH-3 VAV3)
4487-COIL0334	VAV/Reheat Coil, Rm C155 (AH-3 VAV1)
4487-COIL0335	VAV/Reheat Coil, Rm C158 (AH-3 VAV6)
4487-COIL0336	VAV/Reheat Coil, Rm C160 (AH-3 VAV7)
4487-COIL0337	VAV/Reheat Coil, Rm C168 (AH-4 VAV2)
4487-COIL0338	VAV/Reheat Coil, Rm C170 (AH-4 VAV20)
4487-COIL0339	VAV/Reheat Coil, Rm C172 (AH-4 VAV7)

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LOCATION	DESCRIPTION
4487-COIL0340	VAV/Reheat Coil, Rm C174 (AH-4 VAV9)
4487-COIL0341	VAV/Reheat Coil, Rm C176 (AH-4 VAV12)
4487-COIL0342	VAV/Reheat Coil, Rm C177 (AH-4 VAV3)
4487-COIL0343	VAV/Reheat Coil, Rm C177A (AH-4 VAV5)
4487-COIL0344	VAV/Reheat Coil, Rm C178D (AH-5)
4487-COIL0345	VAV/Reheat Coil, Rm C179 (AH-4 VAV6)
4487-COIL0346	VAV/Reheat Coil, Rm C181A (AH-4 VAV10)
4487-COIL0347	VAV/Reheat Coil, Rm C181B (AH-4 VAV8)
4487-COIL0348	VAV/Reheat Coil, Rm C183A (AH-4 VAV13)
4487-COIL0349	VAV/Reheat Coil, Rm C183B (AH-4 VAV11)
4487-COIL0350	VAV/Reheat Coil, Rm C185 (AH-4 VAV15)
4487-COIL0351	VAV/Reheat Coil, Rm C185 (AH-4 VAV14)
4487-COIL0352	VAV/Reheat Coil, Rm C187 (AH-4 VAV16)
4487-COIL0353	VAV/Reheat Coil, Rm C189 (AH-4 VAV17)
4487-COIL0354	VAV/Reheat Coil, Rm C191 (AH-4 VAV19)
4487-COIL0355	VAV/Reheat Coil, Hallway (AH-20 VAV2)
4487-COIL0356	VAV/Reheat Coil, Hallway (AH-21 VAV7)
4487-COIL0357	VAV/Reheat Coil, Hallway (AH-21 VAV2)
4487-COIL0358	VAV/Reheat Coil, Rm C200 (AH-20 VAV18)
4487-COIL0359	VAV/Reheat Coil, Rm C201 (AH-20 VAV15)
4487-COIL0360	VAV/Reheat Coil, Rm C201 (AH-20 VAV17)
4487-COIL0361	VAV/Reheat Coil, Rm C202 (AH-20 VAV16)
4487-COIL0362	VAV/Reheat Coil, Rm C203 (AH-20 VAV12)
4487-COIL0363	VAV/Reheat Coil, Rm C203 (AH-20 VAV14)
4487-COIL0364	VAV/Reheat Coil, Rm C204 (AH-20 VAV13)
4487-COIL0365	VAV/Reheat Coil, Rm C205 (AH-20 VAV9)
4487-COIL0366	VAV/Reheat Coil, Rm C205 (AH-20 VAV11)
4487-COIL0367	VAV/Reheat Coil, Rm C207 (AH-20 VAV6)
4487-COIL0368	VAV/Reheat Coil, Rm C207 (AH-20 VAV8)
4487-COIL0369	VAV/Reheat Coil, Rm C209 (AH-20 VAV3)
4487-COIL0370	VAV/Reheat Coil, Rm C210 (AH-20 VAV10)
4487-COIL0371	VAV/Reheat Coil, Rm C212 (AH-20 VAV7)
4487-COIL0372	VAV/Reheat Coil, Rm C213 (AH-20 VAV1)
4487-COIL0373	VAV/Reheat Coil, Rm C214 (AH-20 VAV5)
4487-COIL0374	VAV/Reheat Coil, Rm C215A (AH-21 VAV1)
4487-COIL0375	VAV/Reheat Coil, Rm C218 (AH-20 VAV4)
4487-COIL0376	VAV/Reheat Coil, Rm C224 (AH-21 VAV3)
4487-COIL0377	VAV/Reheat Coil, Rm C230 (AH-21 VAV5)
4487-COIL0378	VAV/Reheat Coil, Rm C230 (AH-21 VAV5)
4487-COIL0379	VAV/Reheat Coil, Rm C230 (AH-21 VAV5)
4487-COIL0380	VAV/Reheat Coil, Rm C231 (AH-21 VAV4)
4487-COIL0381	VAV/Reheat Coil, Rm C233 (AH-21 VAV9)
4487-COIL0382	VAV/Reheat Coil, Rm C233 (AH-21 VAV6)
4487-COIL0383	VAV/Reheat Coil, Rm C234 (AH-21 VAV8)
4487-COIL0384	VAV/Reheat Coil, Rm C235 (AH-21 VAV10)
4487-COIL0385	VAV/Reheat Coil, Rm C236 (AH-21 VAV11)
4487-COIL0386	VAV/Reheat Coil, Rm C237 (AH-21 VAV12)
4487-COIL0387	VAV/Reheat Coil, Rm C237 (AH-21 VAV13)
4487-COIL0388	VAV/Reheat Coil, Rm C238 (AH-21 VAV14)
4487-COIL0389	VAV/Reheat Coil, Rm C239 (AH-21 VAV15)
4487-COIL0390	VAV/Reheat Coil, Rm C240 (AH-21 VAV16)
4487-COIL0391	VAV/Reheat Coil, Rm C241 (AH-21 VAV17)
4487-COIL0392	VAV/Reheat Coil, Rm C242 (AH-22 VAV4)

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LOCATION	DESCRIPTION
4487-COIL0393	VAV/Reheat Coil, Rm C242C (AH-22 VAV2)
4487-COIL0394	VAV/Reheat Coil, Rm C242C (AH-22 VAV3)
4487-COIL0395	VAV/Reheat Coil, Rm C243 (AH-22 VAV5)
4487-COIL0396	VAV/Reheat Coil, Rm C244 (AH-22 VAV1)
4487-COIL0397	VAV/Reheat Coil, Rm C245 (AH-21 VAV19)
4487-COIL0398	VAV/Reheat Coil, Rm C245 (AH-21 VAV18)
4487-COIL0399	VAV/Reheat Coil, Rm C247 (AH-21 VAV21)
4487-COIL0400	VAV/Reheat Coil, Rm C247 (AH-21 VAV20)
4487-COIL0401	Chilled Water Coil, A-AH0001, Rm A102/E-4
4487-COIL0402	Hot Water/Steam Coil, A-AH0001, Rm 102/E-4
4487-COIL0403	Chilled Water Coil, A-AH0002, Rm A112N/E-2
4487-COIL0404	Hot Water/Steam Coil, A-AH0002, Rm A112N/E-2
4487-COIL0405	Chilled Water Coil, A-AH0003, Rm A118
4487-COIL0406	Hot Water/Steam Coil, A-AH0003, Rm A118
4487-COIL0407	Chilled Water Coil, A-AH0004, Rm A127/E-4
4487-COIL0408	Hot Water/Steam Coil, A-AH0004, Rm A127/E-4
4487-COIL0409	Chilled Water Coil, A-AH0005, Rm A167/E-5
4487-COIL0410	Hot Water/Steam Coil, A-AH0005, Rm A167/E-5
4487-COIL0411	Chilled Water Coil, A-AH0006, Rm A3/E-9C
4487-COIL0412	Hot Water/Steam Coil, A-AH0006, Rm A3/E-9C
4487-COIL0413	Chilled Water Coil, A-AH0007, Rm A156
4487-COIL0414	Hot Water/Steam Coil, A-AH0007, Rm A156
4487-COIL0415	Chilled Water Coil, A-AH0008, Rm A156
4487-COIL0416	Hot Water/Steam Coil, A-AH0008, Rm A156
4487-COIL0417	Chilled Water Coil, A-AH0010, Rm A219
4487-COIL0418	Hot Water/Steam Coil, A-AH0010, Rm A219
4487-COIL0419	Chilled Water Coil, A-AH0011, Rm A148
4487-COIL0420	Hot Water/Steam Coil, A-AH0011, Rm A148
4487-COIL0421	Chilled Water Coil, A-AH0012, Rm A148
4487-COIL0422	Hot Water/Steam Coil, A-AH0012, Rm A148
4487-COIL0423	Chilled Water Coil, A-AH0013, Rm A148
4487-COIL0424	Hot Water/Steam Coil, A-AH0013, Rm A148
4487-COIL0425	Chilled Water Coil, A-AH0015, Rm A183A
4487-COIL0426	Hot Water/Steam Coil, A-AH0015, Rm A183A
4487-COIL0427	Chilled Water Coil, A-AH0019A, Rm A193/E-8
4487-COIL0428	Hot Water/Steam Coil, A-AH0019A, Rm A193/E-8
4487-COIL0429	Chilled Water Coil, A-AH0019B, Rm A183F/E-7
4487-COIL0430	Hot Water/Steam Coil, A-AH0019B, Rm A183F/E-7
4487-COIL0431	Chilled Water Coil, A-AH0019C, Rm A183F/E-7
4487-COIL0432	Hot Water/Steam Coil, A-AH0019C, Rm A183F/E-7
4487-COIL0433	Chilled Water Coil, A-AH0022, Rm A236/E-25
4487-COIL0434	Hot Water/Steam Coil, A-AH0022, Rm A236/E-25
4487-COIL0435	Chilled Water Coil, A-AH0027, Rm A245/E-26
4487-COIL0436	Hot Water/Steam Coil, A-AH0027, Rm A245/E-26
4487-COIL0437	Chilled Water Coil, A-AH0029, Rm A270
4487-COIL0438	Hot Water/Steam Coil, A-AH0029, Rm A270
4487-COIL0439	Chilled Water Coil, A-AH0031, Rm A266A
4487-COIL0440	Hot Water/Steam Coil, A-AH0031, Rm A266A
4487-COIL0441	Chilled Water Coil, A-AH019A, Rm E-8
4487-COIL0442	Hot Water/Steam Coil, A-AH019A, Rm E-8
4487-COIL0443	Chilled Water Coil, A-AH019B, E-7
4487-COIL0444	Hot Water/Steam Coil, A-AH019B, Rm E-7
4487-COIL0445	Chilled Water Coil, A-AH019C, Rm E-7

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LOCATION	DESCRIPTION
4487-COIL0446	Hot Water/Steam Coil, A-AH019C, Rm E-7
4487-COIL0447	Chilled Water Coil, AB-AH0001, Rm AB140D/E-11
4487-COIL0448	Hot Water/Steam Coil, AB-AH0001, Rm AB140D/E-11
4487-COIL0449	Chilled Water Coil, AB-AH0002, Outside Between A&B Wings
4487-COIL0450	Hot Water/Steam Coil, AB-AH0002, Outside Between A&B Wings
4487-COIL0451	Chilled Water Coil, AB-AH0020, Rm AB209/E-29
4487-COIL0452	Hot Water/Steam Coil, AB-AH0020, Rm AB209/E-29
4487-COIL0453	Chilled Water Coil, AB-AH0021, Rm AB209/E-29
4487-COIL0454	Hot Water/Steam Coil, AB-AH0021, Rm AB209/E-29
4487-COIL0455	Chilled Water Coil, AB-AH0022, Rm AB223/E-30
4487-COIL0456	Hot Water/Steam Coil, AB-AH0022, Rm AB223/E-30
4487-COIL0457	Chilled Water Coil, B-AH0001, Rm B103/E-13
4487-COIL0458	Hot Water/Steam Coil, B-AH0001, Rm B103/E-13
4487-COIL0459	Chilled Water Coil, B-AH0002, Rm B103/E-13
4487-COIL0460	Hot Water/Steam Coil, B-AH0002, Rm B103/E-13
4487-COIL0461	Chilled Water Coil, B-AH0003, Rm B114B/E-14
4487-COIL0462	Hot Water/Steam Coil, B-AH0003, Rm B114B/E-14
4487-COIL0463	Chilled Water Coil, B-AH0004, Rm W103A/E-46
4487-COIL0464	Hot Water/Steam Coil, B-AH0004, Rm W103A/E-46
4487-COIL0465	Chilled Water Coil, B-AH0005, Rm W103A/E-46
4487-COIL0466	Hot Water/Steam Coil, B-AH0005, Rm W103A/E-46
4487-COIL0467	Chilled Water Coil, B-AH0006, Rm W103A/E-46
4487-COIL0468	Hot Water/Steam Coil, B-AH0006, Rm W103A/E-46
4487-COIL0469	Chilled Water Coil, B-AH0007, Rm B126F/E-15
4487-COIL0470	Hot Water/Steam Coil, B-AH0007, Rm B126F/E-15
4487-COIL0471	Chilled Water Coil, B-AH0008, Rm B155C/E-16
4487-COIL0472	Hot Water/Steam Coil, B-AH0008, Rm B155C/E-16
4487-COIL0473	Chilled Water Coil, B-AH0009, Rm B187A/E-36
4487-COIL0474	Hot Water/Steam Coil, B-AH0009, Rm B187A/E-36
4487-COIL0475	Chilled Water Coil, B-AH0010, Rm B302
4487-COIL0476	Hot Water/Steam Coil, B-AH0010, Rm B302
4487-COIL0477	Chilled Water Coil, B-AH0014, Rm B101E
4487-COIL0478	Hot Water/Steam Coil, B-AH0014, Rm B101E
4487-COIL0479	Chilled Water Coil, B-AH0015, Rm B101E
4487-COIL0480	Hot Water/Steam Coil, B-AH0015, Rm B101E
4487-COIL0481	Chilled Water Coil, B-AH0016, Rm B100
4487-COIL0482	Hot Water/Steam Coil, B-AH0016, Rm B100
4487-COIL0483	Chilled Water Coil, B-AH0020, Rm E-32
4487-COIL0484	Hot Water/Steam Coil, B-AH0020, Rm E-32
4487-COIL0485	Chilled Water Coil, B-AH0021, Rm B257A/E-33
4487-COIL0486	Hot Water/Steam Coil, B-AH0021, Rm B257A/E-33
4487-COIL0487	Chilled Water Coil, B-AH020A, Rm B211/E-31
4487-COIL0488	Hot Water/Steam Coil, B-AH020A, Rm B211/E-31
4487-COIL0489	Chilled Water Coil, BC-AH0001, Rm BC157/E-19
4487-COIL0490	Hot Water/Steam Coil, BC-AH0001, Rm BC157/E-19
4487-COIL0491	Chilled Water Coil, BC-AH0002, Rm BC101
4487-COIL0492	Hot Water/Steam Coil, BC-AH0002, Rm BC101
4487-COIL0493	Chilled Water Coil, BC-AH0003, Rm BC101
4487-COIL0494	Hot Water/Steam Coil, BC-AH0003, Rm BC101
4487-COIL0495	Chilled Water Coil, BC-AH0004, Rm BC143D
4487-COIL0496	Hot Water/Steam Coil, BC-AH0004, Rm BC143D
4487-COIL0497	Chilled Water Coil, BC-AH0007, Rm BC109/E-45
4487-COIL0498	Hot Water/Steam Coil, BC-AH0007, Rm BC109/E-45

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LOCATION	DESCRIPTION
4487-COIL0499	Chilled Water Coil, C-AH0001, Rm C110/E-20
4487-COIL0500	Hot Water/Steam Coil, C-AH0001, Rm C110/E-20
4487-COIL0501	Chilled Water Coil, C-AH0002, Rm C113/E-44
4487-COIL0502	Hot Water/Steam Coil, C-AH0002, Rm C113/E-44
4487-COIL0503	Chilled Water Coil, C-AH0003, Rm C157/E-54
4487-COIL0504	Hot Water/Steam Coil, C-AH0003, Rm C157/E-54
4487-COIL0505	Chilled Water Coil, C-AH0004, Rm C157/E-54
4487-COIL0506	Hot Water/Steam Coil, C-AH0004, Rm C157/E-54
4487-COIL0507	Chilled Water Coil, C-AH0005, Rm C178E/E-37
4487-COIL0508	Hot Water/Steam Coil, C-AH0005, Rm C178E/E-37
4487-COIL0509	Chilled Water Coil, C-AH0020, Rm C213/E-60
4487-COIL0510	Hot Water/Steam Coil, C-AH0020, Rm C213/E-60
4487-COIL0511	Chilled Water Coil, C-AH0021, Rm C213/E-60
4487-COIL0512	Hot Water/Steam Coil, C-AH0021, Rm C213/E-60
4487-COIL0513	Chilled Water Coil, C-AH0022, Rm C246/E-35
4487-COIL0514	Hot Water/Steam Coil, C-AH0022, Rm C246/E-35
4487C-PM0001	Power Meter, Room C112, E-21
4487C-PNL0001	Panel Board, Room C112, E-21
4487C-PNL0002	Panel Board, Rm C112, E-21
4487C-PNL0003	Panel Board, Rm C112, E-21
4487C-PNL0004	Panel Board, Rm C134
4487C-PNL0005	Panel Board, Rm C147
4487C-PNL0006	Panel Board, Rm C149
4487C-PNL0007	Panel Board, Rm C151
4487C-PNL0008	Panel Board, Rm C159
4487C-PNL0009	Panel Board, Rm C159
4487C-PNL0010	Panel Board, Rm C159
4487C-PNL0011	Panel Board, Rm C169
4487C-PNL0012	Panel Board, Rm C171
4487C-PNL0013	Panel Board, Rm C178
4487C-PNL0014	Panel Board, Rm C171
4487C-PNL0015	Panel Board, Rm C189
4487C-PNL0016	Panel Board, Rm C192, E-56
4487C-PNL0017	Panel Board, Rm C178F
4487C-PNL0018	Panel Board, Rm C178F
4487C-PNL0019	Panel Board, Hallway at Rm C109
4487C-PNL0020	Panel Board, Hallway at Rm C127
4487C-PNL0021	Panel Board, Hallway at Rm C142
4487C-PNL0022	Panel Board, Hallway at Rm C142
4487C-PNL0023	Panel Board, Hallway at Rm C181
4487C-PNL0024	Panel Board, Hallway at Rm C181
4487C-PNL0025	Panel Board, Hallway at Rm C208
4487C-PNL0026	Panel Board, Rm C208
4487C-PNL0027	Panel Board, Rm C217/ E-62
4487C-PNL0028	Panel Board, Rm C217/ E-62
4487C-PNL0029	Panel Board, C242, REMOVED
4487C-PNL0030	Panel Board, Hallway at Rm C217
4487C-PNL0031	Panel Board, Hallway at Rm C212
4487C-PNL0032	Panel Board, Hallway at Rm C235
4487C-PNL0033	Panel Board, Hallway at Rm C235
4487C-PNL0034	Panel Board, Hallway at Rm C243
4487C-PNL0035	Panel Board, Rm C122
4487C-PNL0036	Panel Board, Rm C177

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LOCATION	DESCRIPTION
4487C-PNL0037	Panel Board, Rm C177A
4487C-PNL0038	Panel Board, Room C-122
4487C-PWC0001	Power Conditioner, Room C112, E-21
4487C-PWC-0001	Power Conditioner, Room C-112
4487C-RAF0001	Fan Return Air, Rm C-110, E-20
4487C-RAF0002	Fan Return Air, E-44
4487C-RAF0022	Fan Return Air, Rm C-192, E-30
4487C-SH0001	Safety Shower, NE Outside C Wing
4487C-SH0002	Safety Shower, Rm C181
4487C-SHEW0001	Emergency Shower/Eyewash, Outside Btwn B&C Wing
4487C-SHEW0002	Emergency Shower/Eyewash, C242A
4487C-SHEW0003	Emergency Shower/Eyewash, C244
4487C-SPR0001	Sprinkler System, Rm C195/E38,C Wing, 1st Floor
4487C-SPR0002	Sprinkler System, Rm C113/E44, West End
4487C-SSTA0001	Steam Station C157, E54
4487C-SSTA0002	Steam Station, C178E, E37
4487C-SSTA0003	Steam Station, Rm C110/Rm E20
4487C-STRT0001	Starter, Room C-192, E56
4487C-STRT0002	Starter, Room C-192, E56
4487C-STRT0003	Starter, Room C-192, E56
4487C-STRT0004	Starter, Room C-185
4487C-STRT0005	Starter, Room Under Ctr. Stairs
4487C-SUB0001	Substation, NW Side, C Wing
4487C-SWBD0001	Switch Board, C171
4487C-SWBD0002	Switch Board, C171 - Formerly PDP1
4487C-SWBD0003	Switch Board, C171 - Formerly PDP2
4487C-SWBD0004	Switch Board, C171 - Formerly PP5
4487C-SWGR0001	Switch Gear, C171
4487C-UH0001	Unit Heater Steam, E-56
4487C-UH0002	Unit Heater Steam, C178F
4487C-UH0003	Unit Heater Steam, C178F
4487C-UH0004	Unit Heater Steam, E-54
4487C-UH0005	Unit Heater Steam, E-44
4487C-UH0006	Unit Heater Steam, E-20
4487C-UH0007	Unit Heater Steam, E-60
4487C-VSC0001	Variable Speed Control, C157/E54 Assoc. w/ CHWP
4487C-VSC0002	Variable Speed Control, C157/E54 Assoc. w/ CHWP
4487C-VSC0003	Variable Speed Control, C110/E20 Assoc. w/ AH1
4487C-VSC0004	Variable Speed Control, C110/E20 Assoc. w/ RAF1
4487C-VSC0005	Variable Speed Control, C113/E44 Assoc. w/ RAF2
4487C-VSC0006	Variable Speed Control, C113/E44 Assoc. w/ RAF2
4487C-VSC0007	Variable Speed Control, C157/E54 Assoc. w/ AH3
4487C-VSC0008	Variable Speed Control, C157/E54 Assoc. w/ RAF3
4487C-VSC0009	Variable Speed Control, C213/E60 Assoc. w/ AH20
4487C-VSC0010	Variable Speed Control, C213/E60 Assoc. w/ AH20
4487C-VSC0011	Variable Speed Control, C213/E60 Assoc. w/ AH21
4487C-VSC0012	Variable Speed Control, C213/E60 Assoc. w/ RAF21
4487C-XFMR0001	Transformer, Rm C112, E-21
4487C-XFMR0002	Transformer, Rm C159, E-55
4487C-XFMR0003	Transformer, C171, REMOVED
4487C-XFMR0004	Transformer, C171, REMOVED
4487C-XFMR0005	Transformer, Rm C178F
4487C-XFMR0006	Transformer, C179, REMOVED

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LOCATION	DESCRIPTION
4487C-XFMR0007	Transformer, Rm C217/E62
4487C-XFR0001	Auto Transfer Switch, R00M C-157, E54
4487-EW0001	Safety Eyewash, Rm C178C
4487-EW0002	Safety Eyewash, Rm C191
4487-EW0003	Safety Eyewash - Portable, Rm C185
4487-HWHD0002	Hot Water Heater - Domestic, Rm E09A - Disconnect in room E9
4487-LTS0096	Emergency Lighting - B Wing Hall At B136B (Hall)
4487-LTS0118	Emergency Lighting - Hall Near Rm C243
4487-LTS0121	Emergency Lighting - Hall Near Rm C246
4487RMA0102	Rm A102/E01, Equipment Rm, A Wing, 1st Floor, Bldg 4487
4487-ROOF0001	Roof, Main, Bldg 4487
4487-ROOF0002	Roof, Bldg 4487
4487-ROOF0003	Roof, Bldg 4487
4487-ROOF0004	Roof, Bldg 4487
4487-ROOF0005	Roof, Bldg 4487
4487-ROOF0006	Roof, Bldg 4487
4487-ROOF0007	Roof, Bldg 4487
4487-ROOF0008	Roof, Bldg 4487
4487-ROOF0009	Roof, Bldg 4487
4487-ROOF0010	Roof, Bldg 4487
4487-ROOF0011	Roof, Bldg 4487
4487-ROOF0012	Roof, Bldg 4487
4487-ROOF0013	Roof, Bldg 4487
4487-ROOF0014	Roof, Bldg 4487
4487-ROOF0015	Roof, Bldg 4487
4487-ROOF0016	Roof, Bldg 4487
4487-ROOF0017	Roof, Bldg 4487
4487-ROOF0018	Roof, Bldg 4487
4487-ROOF0019	Roof, Bldg 4487
4487-ROOF0020	Roof, Bldg 4487
4487-ROOF0021	Roof, Bldg 4487
4487-ROOF0022	Roof, Bldg 4487
4487-ROOF0023	Roof, Bldg 4487
4487-ROOF0024	Roof, Bldg 4487
4487-ROOF0025	Roof, Bldg 4487
4487-ROOF0026	Roof, Bldg 4487
4487-SPR0002	Sprinkler System, C113, E-44
4487-SS0001	Safety Switch, B110
4487-SS0002	Safety Switch, Tunnel
4487-SS0003	Safety Switch, C235
4487-SS0004	Safety Switch, C186
4487-SS0006	Safety Switch, Room A-102
4487-SS0007	Safety Switch, Room A-118
4487-SS0008	Safety Switch, Room A-102
4487-SS0009	Safety Switch, Room A-127
4487-SS0010	Safety Switch, Room A-130
4487-SS0011	Safety Switch, Room A-132
4487-SS0012	Safety Switch, Room A-166
4487-SS0013	Safety Switch, Room A-166
4487-SS0014	Safety Switch, Room A-191
4487-SS0015	Safety Switch, Room A-191
4487-SS0016	Safety Switch, C Wing E37 Annex
4487-SS0017	Safety Switch, Room A-168

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487-SS0018	Safety Switch, Room A-236
4487-SS0019	Safety Switch, Room A-206
4487-SS0020	Safety Switch, Room A-206
4487-SS0021	Safety Switch, Room E10
4487-SS0022	Safety Switch, Room E8
4487-SS0023	Safety Switch, Room E7
4487-SS0024	Safety Switch, Room E7
4487-SS0025	Safety Switch, Room E7
4487-SS0026	Safety Switch, Room E7
4487-SS0027	Safety Switch, Room E7
4487-SS0028	Safety Switch, Room E7
4487-SS0029	Safety Switch, Room A-001, E9A
4487-SS0030	Safety Switch, Room A-001, E9A
4487-SS0031	Safety Switch, Room A-001, E9A
4487-SS0032	Safety Switch, Room A-001, E9A
4487-SS0033	Safety Switch, Room A-001, E9A
4487-SS0034	Safety Switch, Room A-002, E9A
4487-SS0035	Safety Switch, Room A-002, E9A
4487-SS0036	Safety Switch, Room A-144
4487-SS0037	Safety Switch, Room A-142
4487-SS0038	Safety Switch, Room A-112, E2
4487-SS0039	Safety Switch, Room A-112, E2
4487-SS0040	Safety Switch, Room A-114B
4487-SS0041	Safety Switch, Room Ab-140
4487-SS0042	Safety Switch, Room Ab-140
4487-SS0043	Safety Switch, Room Ab-140
4487-SS0044	Safety Switch, Room Ab-140
4487-SS0045	Safety Switch, Room Ab-140
4487-SS0046	Safety Switch, Room B-103
4487-SS0047	Safety Switch, Room B-103
4487-SS0048	Safety Switch, Room B-103
4487-SS0049	Safety Switch, Room B-103
4487-SS0050	Safety Switch, Room B-103
4487-SS0051	Safety Switch, Room B-103
4487-SS0052	Safety Switch, Room B-101D
4487-SS0053	Safety Switch, Room B-101A
4487-SS0054	Safety Switch, Room B-101A
4487-SS0055	Safety Switch, Room B-102A
4487-SS0056	Safety Switch, Room W-101
4487-SS0057	Safety Switch, Room W-101
4487-SS0058	Safety Switch, Room W-101
4487-SS0059	Safety Switch, Room W-101
4487-SS0060	Safety Switch, Room W-101
4487-SS0061	Safety Switch, Room W-102
4487-SS0062	Safety Switch, Room W-102
4487-SS0063	Safety Switch, Room W-105
4487-SS0064	Safety Switch, Room W-106
4487-SS0065	Safety Switch, Room B-110
4487-SS0066	Safety Switch, Room B-112
4487-SS0067	Safety Switch, Room B-114B
4487-SS0068	Safety Switch, Room B-114B
4487-SS0069	Safety Switch, Room B-155C
4487-SS0070	Safety Switch, Room B-155C

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487-SS0071	Safety Switch, Room Bc-143
4487-SS0072	Safety Switch, Room Bc-143
4487-SS0073	Safety Switch, Room Bc-143
4487-SS0074	Safety Switch, Room Bc-190
4487-SS0080	Safety Switch, Wing Ab, E30
4487-SS0081	Safety Switch, Wing Ab, E30
4487-SS0082	Safety Switch, Room Ab-206
4487-SS0083	Safety Switch, Room Ab-204
4487-SS0084	Safety Switch, Room Ab-202
4487-SS0085	Safety Switch, Room Ab-209
4487-SS0086	Safety Switch, Room Ab-209
4487-SS0087	Safety Switch, Room Ab-209
4487-SS0088	Safety Switch, Room Ab-209
4487-SS0089	Safety Switch, Room B-211, E31
4487-SS0090	Safety Switch, Room B-211, E31
4487-SS0091	Safety Switch, Room B-211, E31
4487-SS0092	Safety Switch, Room B-257A, E33
4487-SS0093	Safety Switch, Room B-257A, E33
4487-SS0094	Safety Switch, Room B-230B, E32
4487-SS0095	Safety Switch, Room B-230B, E32
4487-SS0096	Safety Switch, Room B-001
4487-SS0097	Safety Switch, Room B-001
4487-SS0098	Safety Switch, Room B-001
4487-SS0099	Safety Switch, Room B-001
4487-SS0100	Safety Switch, Room B-001
4487-SS0101	Safety Switch, Room Bc-140
4487-SS0102	Safety Switch, Room Bc-105
4487-SS0103	Safety Switch, Room Bc-108
4487-SS0104	Safety Switch, Room Bc-109
4487-SS0105	Safety Switch, Bc-109
4487-SS0106	Safety Switch, Room Bc-109
4487-SS0107	Safety Switch, Room Bc-107, E53
4487-SS0108	Safety Switch, Room Bc-107, E53
4487-SS0109	Safety Switch, Room Bc-101
4487-SS0110	Safety Switch, Room Bc-101
4487-SS0111	Safety Switch, Room Bc-101
4487-SS0112	Safety Switch, Room Bc-100
4487-SS0113	Safety Switch, Room C-192, E56
4487-SS0114	Safety Switch, C Wing E37 Annex
4487-SS0115	Safety Switch, C Wing E37 Annex
4487-SS0116	Safety Switch, C Wing E37 Annex
4487-SS0117	Safety Switch, C Wing E37 Annex
4487-SS0118	Safety Switch, C Wing E37 Annex
4487-SS0119	Safety Switch, C Wing E37
4487-SS0120	Safety Switch, C Wing E37
4487-SS0121	Safety Switch, C Wing E37
4487-SS0122	Safety Switch, C Wing E37
4487-SS0123	Safety Switch, Room C-178F
4487-SS0124	Safety Switch, Room C-185
4487-SS0125	Safety Switch, Room C-179
4487-SS0126	Safety Switch, Room C-171
4487-SS0127	Safety Switch, Room C-171
4487-SS0128	Safety Switch, Room C-171

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4487-SS0129	Safety Switch, Room C-171
4487-SS0130	Safety Switch, Room C-155
4487-SS0131	Safety Switch, Room C-113, E44
4487-SS0132	Safety Switch, Room C-113, E44
4487-SS0133	Safety Switch, Room C-110, E20
4487-SS0134	Safety Switch, Room C-110, E20
4487-SS0135	Safety Switch, Room C-110, E20
4487-SS0136	Safety Switch, Room C-110, E20
4487-SS0137	Safety Switch, Room C-110, E20
4487-SS0138	Safety Switch, Room C-110, E20
4487-SS0139	Safety Switch, Room C-213, E60
4487-SS0140	Safety Switch, Room C-213, E60
4487-SS0141	Safety Switch, Room C-213, E60
4487-SS0142	Safety Switch, Room C-213, E60
4487-SS0143	Safety Switch, Room C-246, E35
4487-SS0144	Safety Switch, Room C-246, E35
4487-SS0145	Safety Switch, Room C-246, E35
4487-SS0146	Safety Switch, Room Bc-151A
4487-SS0147	Safety Switch, Room Bc-151A
4487-SS0148	Safety Switch, Room Bc-151B
4487-SS0149	Safety Switch, Room Bc-157, E19
4487-SS0150	Safety Switch, Room Bc-157, E19
4487-SS0151	Safety Switch, Room Bc-157, E19
4487-SS0152	Safety Switch, Room Bc-157, E19
4487-SS0153	Safety Switch, Room Bc-150A
4487-SS0154	Safety Switch, Room Bc-150A
4487-SS0155	Safety Switch, Room Bc-150
4487-SS0156	Safety Switch, Room B-187A, E36
4487-SS0157	Safety Switch, Room B-187A, E36
4487-SS0158	Safety Switch, Room C-187A, E36
4487-SS0159	Safety Switch, Room B-187A, E36
4487-SS0160	Safety Switch, Outside Rm. Bc-143
4487-SS0161	Safety Switch, Outside Rm. Bc-143
4487-SS0162	Safety Switch, Outside Rm. Bc-108
4487-SS0163	Safety Switch, Outside Rm. Bc-109
4487-SS0164	Safety Switch, Room Bc-155
4487-SS0165	Safety Switch, Room Bc-155
4487-SS0166	Safety Switch, Room B-126F, E15
4487-SS0167	Safety Switch, Room B-126F, E15
4487-SS0168	Safety Switch, Room B-126C, E15
4487-SS0169	Safety Switch, B Wing E46
4487-SS0170	Safety Switch, B Wing, E46
4487-SS0171	Safety Switch, B Wing E46
4487-SS0172	Safety Switch, B Wing, E46
4487-SS0173	Safety Switch, B Wing, E46
4487-SS0174	Safety Switch, Room B-101E
4487-SS0175	Safety Switch, Room B-101E
4487-SS0176	Safety Switch, Room Ab-101, E12
4487-SS0177	Safety Switch, Room Ab-101, E12
4487-SS0178	Safety Switch, Room Ab-101, E12
4487-SS0179	Safety Switch, Room Ab-101, E12
4487-SS0180	Safety Switch, Room Ab-101, E12
4487-SS0181	Safety Switch, Room Ab-105

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4487-SS0182	Safety Switch, Room Ab-105
4487-SS0183	Safety Switch, Room Ab-105
4487-SS0184	Safety Switch, Room Ab-105
4487-SS0185	Safety Switch, Room Ab-105
4487-SS0186	Safety Switch, Outside Ab Wing West
4487-SS0187	Safety Switch, Room Ab-140D, E11
4487-SS0188	Safety Switch, Room Ab-140E, E11
4487-SS0189	Safety Switch, Room Ab-140E, E11
4487-SS0190	Safety Switch, Room Bc-190
4487-SS0191	Safety Switch, B Wing Pump Hse. # 1
4487-SS0192	Safety Switch, Room C-165, E2
4487-STRT0013	Starter, B Wing, Pump Hse # 1
4487-STRT0014	Starter, B Wing, Pump Hse # 1
4491-ACMP0001	Air Compressor Control, Rm 136 - Disconnect at compressor
4491-ACMP0002	Air Compressor Control, Outside North - Disconnect on north wall
4491-ACMP0003	Air Compressor Control, Rm 136 - Disconnect at compressor
4491-ADRY0001	Air Dryer, Rm 136 - Disconnect at dryer
4491-AH0001	Air Handling Unit, Rm 136 - Disconnect on unit
4491-AH0001	Air Handling Unit, Rm 136 - Disconnect on unit
4491-AH0003	Air Handling Unit, Rm 109/Rm E04 - Disconnect in room E4
4491-AH0003	Air Handling Unit, Rm 109/Rm E04 - Disconnect in room E4
4491-AH0004	Air Handling Unit, Rm 109/Rm E04 - Disconnect in room E4
4491-BATB0001	Battery Bank, Rm 126
4491-BFP0001	Back Flow Preventer - Chilled Water, Rm 136/Rm E1
4491-BLR0001	Steam Boiler, Rm 137 - Disconnect at boiler
4491-CBS0001	Circuit Breaker Starter, Room 124, E-02
4491-CHLR0001	Water Chiller, Rm 136
4491-CHWP0001	Chill Water Pump, Rm 136 - Disconnect at pump
4491-CHWP0002	Chill Water Pump, Rm 136 - Disconnect at pump
4491-COIL001A	Chilled Water Coil, AH0001, Rm 136
4491-COIL001B	Hot Water/Steam Coil, AH0001, Rm 136
4491-COIL003A	Chilled Water Coil, AH0003, Rm 109/E-4
4491-COIL003B	Hot Water/Steam Coil, AH0003, Rm 109/E-4
4491-COIL004A	Chilled Water Coil, AH0004, Rm 109/E-4
4491-COIL004B	Hot Water/Steam Coil, AH0004, Rm 109/E-4
4491-CONT0001	Contactor, Hall At Room 113
4491-CRU0001	Computer Room Unit, Rm 128 - Disconnect at unit
4491-CRU0002	Computer Room Unit, Rm 126 - Disconnect at unit
4491-EW0001	Safety Eyewash, Rm 126
4491-FAS0001	Fire Alarm System, North Entrance
4491-FID0001	Field Interface Device, Rm 136
4491-FWP0001	Feed Water Pump, Rm 136 - Disconnect at electrical panel
4491-FWP0002	Pump Feed Water, Rm 136
4491-HWHD0001	Hot Water Heater - Domestic, Rm E02 - Disconnect room E2
4491-HWHD0002	Hot Water Heater - Domestic, Rm E02 - Disconnect room E2
4491-HWHD0003	Hot Water Heater - Domestic, Rm 117 - Disconnect at heater
4491-LTS0001	Emergency Lighting - Flourescent, Hall at Rm 115
4491-LTS0002	Emergency Lighting - Flourescent, Hall at Rm 111
4491-LTS0003	Emergency Lighting - Flourescent, Rm 107
4491-LTS0004	Emergency Lighting - Flourescent, Rm 107
4491-LTS0005	Emergency Lighting - Flourescent, Rm 107
4491-LTS0006	Emergency Lighting - Flourescent, Rm 107
4491-LTS0007	Emergency Lighting - Flourescent, Rm 107

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4491-LTS0008	Emergency Lighting - Flourescent, Rm 107
4491-LTS0009	Emergency Lighting - Flourescent, Rm 107
4491-LTS0010	Emergency Lighting - Flourescent, Rm 107
4491-LTS0011	Emergency Lighting - Flourescent, Rm 126
4491-LTS0012	Emergency Lighting - Flourescent, Rm 126
4491-LTS0013	Emergency Lighting - Flourescent, Rm 126
4491-LTS0014	Emergency Lighting - Flourescent, Rm 128
4491-LTS0015	Emergency Lighting - Flourescent, Rm 128
4491-LTS0016	Emergency Lighting - Dry Cell, Rm 121
4491-LTS0017	Emergency Lighting - Flourescent, Rm 132B
4491-LTS0018	Emergency Lighting - Flourescent, Rm 132
4491-LTS0019	Emergency Lighting - Flourescent, Rm 132
4491-LTS0020	Emergency Lighting - Flourescent, Rm 132
4491-LTS0021	Emergency Lighting - Flourescent, Rm 132
4491-LTS0022	Emergency Lighting - Flourescent, Rm 132
4491-LTS0023	Emergency Lighting - Flourescent, Rm 132C
4491-LTS0026	Emergency Lighting - Flourescent, Rm 129
4491-LTS0027	Emergency Lighting - Flourescent, Rm 129
4491-LTS0028	Emergency Lighting - Flourescent, Rm 129
4491-LTS0029	Emergency Lighting - Flourescent, Rm 129
4491-LTS0030	Emergency Lighting - Flourescent, Rm 129
4491-LTS0031	Emergency Lighting - Flourescent, Rm 129
4491-LTS0032	Emergency Lighting - Flourescent, Rm 129
4491-LTS0033	Emergency Lighting - Dry Cell, Rm 113
4491-LTS0034	Emergency Lighting - Flourescent, Rm 111
4491-LTS0035	Emergency Lighting - Dry Cell, Hallway Near Rm 127
4491-LTS0036	Emergency Lighting - Flourescent, Rm 132D
4491-MCC0001	Motor Control Center, Rm 137
4491-MCC0002	Motor Control Center, Rm 137
4491-MTS0001	Manual Transfer Switch, Rm 126
4491-PNL0001	Panel Board, Rm 136
4491-PNL0002	Panel Board, Rm 137
4491-PNL0003	Panel Board, Rm 129
4491-PNL0004	Panel Board, Rm 129
4491-PNL0005	Panel Board, Rm 129
4491-PNL0006	Panel Board, Rm 129
4491-PNL0007	Panel Board, Rm 132D
4491-PNL0008	Panel Board, Rm 132D
4491-PNL0009	Panel Board, Rm 129
4491-PNL0010	Panel Board, Rm 129
4491-PNL0011	Panel Board, Rm 128
4491-PNL0012	Panel Board, Rm 128
4491-PNL0013	Panel Board, Rm 128
4491-PNL0014	Panel Board, Hallway Outside Rm 102
4491-PNL0015	Panel Board, Hallway Outside Rm 102
4491-PNL0016	Panel Board, Hallway Outside Room 111
4491-PNL0017	Panel Board, Rm 109/Rm E04
4491-PNL0018	Panel Board, Rm 107
4491-PNL0019	Panel Board, Rm 126
4491-PNL0020	Panel Board, Rm 126
4491-PNL0021	Panel Board, Hallway at Rm 113
4491-PNL0022	Panel Board, Rm 136/E-1
4491-PNL0023	Panel Board, Rm 136/E-1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4491-ROOF0001	Roof, Main, Bldg 4491
4491-ROOF0002	Roof, Bldg 4491
4491-ROOF0003	Roof, Bldg 4491
4491-ROOF0004	Roof, Bldg 4491
4491-RP0001	Receptacle Panel Board, Rm 113
4491-SHEW0001	Safety Shower & Eyewash, South Side, Outside - REMOVED 7/28/04
4491-SPR0001	Sprinkler System, North Side
4491-SS0001	Safety Switch, Room 109, E-04
4491-SS0002	Safety Switch, Room 109, E-04
4491-SS0003	Safety Switch, Room 109, E-04
4491-SS0004	Safety Switch, Room 109, E-04
4491-SS0005	Safety Switch, Room 109, E-04
4491-SS0006	Safety Switch, Room 109, E-04
4491-SS0007	Safety Switch, Room 109, E-04
4491-SS0008	Safety Switch, Room 109, E-04
4491-SS0009	Safety Switch, Room 117
4491-SS0010	Safety Switch, Room 126
4491-SS0011	Safety Switch, Room 126
4491-SS0012	Safety Switch, Room 128
4491-SS0013	Safety Switch, Room 124
4491-SS0014	Safety Switch, Room 132
4491-SS0015	Safety Switch, Room 132
4491-SS0016	Safety Switch, Room 132
4491-SS0017	Safety Switch, Room 137, E-03
4491-SS0018	Safety Switch, Room 137, E-03
4491-SS0020	Safety Switch, Room 124, E-02
4491-SS0021	Safety Switch, Room 124, E-02
4491-SS0022	Safety Switch, Room 124, E-02
4491-SS0023	Safety Switch, Room 124, E-02
4491-SS0024	Safety Switch, Room 124, E-02
4491-SS0025	Safety Switch, Room 124, E-02
4491-SS0026	Safety Switch, Room 136, E-01
4491-SS0027	Safety Switch, Room 136, E-01
4491-SS0028	Safety Switch, Room 136, E-01
4491-SS0029	Safety Switch, Room 136, E-01
4491-SS0030	Safety Switch, Room 136, E-01
4491-SS0031	Safety Switch, Room 136, E-01
4491-SS0032	Safety Switch, Room 136, E-01
4491-SS0033	Safety Switch, Room 136, E-01
4491-SS0035	Safety Switch, Room 136, E-01
4491-SS0036	Safety Switch, Room 136, E-01
4491-SSS0001	Starter Safety Switch, Room 109, E-04
4491-SSS0002	Starter Safety Switch, Room 136, E-01
4491-SSS0003	Starter Safety Switch, Room 109, E-04
4491-STRT0001	Starter, Room 109, E-04
4491-STRT0002	Starter, Room 129
4491-STRT0003	Starter, Room 132D
4491-STRT0004	Starter, Room 132
4491-STRT0006	Starter, Room 124, E-02
4491-STRT0007	Starter, Room 124, E-02
4491-STRT0008	Starter, Room 136, E-01
4491-STRT0009	Starter, Room 136, E-01
4491-STRT0010	Starter, Room 136, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4491-STRT0011	Starter, Room 136, E-01
4491-STRT0012	Starter, Room 136, E-01
4491-STRT0013	Starter, Room 136, E-01
4491-SUB0001	Substation, NW Corner, Outside
4491-TMR0001	Timer, Room 136, E-01
4491-TMR0002	Timer, Room 124, E-02
4491-TRP0001	Steam Trap, Rm 136/E-1 (012-00001)
4491-TRP0002	Steam Trap, Rm 136/E-1 (012-00002)
4491-TRP0003	Steam Trap, Rm 136/E-1 (012-00003)
4491-TRP0004	Steam Trap, Rm 136/E-1 (012-00004)
4491-TRP0005	Steam Trap, Rm 136/E-1 (012-00005)
4491-TRP0006	Steam Trap, Rm 136/E-1 (012-00006)
4491-TRP0007	Steam Trap, Rm 136/E-1 (012-00007)
4491-TRP0008	Steam Trap, Rm 136/E-1 (012-00008)
4491-TRP0009	Steam Trap, Rm 136/E-1 (012-00009)
4491-TRP0010	Steam Trap, Rm 136/E-1 (012-00010)
4491-TRP0011	Steam Trap, Rm 136/E-1 (012-00011)
4491-UH0001	Unit Heater Electric, North Side Outside
4491-UH0002	Unit Heater Steam, Rm 137
4491-UPS0001	UPS Power System, Rm 126
4491-WFTR0001	Water Filter, Rm E02
4491-WSFT0001	Water Softener
4491-XFMR0001	Transformer, Rm 128
4491-XFMR0002	Transformer, Room 137, E-03
4491-XFMR0003	Transformer, Room 136, E-01
4491-XFMR0004	Transformer, Room 136, E-01
4491-XFMR0005	Transformer, Room 136, E-01
4492-ACMP0001	Air Compressor Controller, Rm 102 - Disconnect at compressor
4492-ACMP0002	Air Compressor Controller, Rm 102 - Disconnect at compressor
4492-ACMP0003	Air Compressor Controller, Rm 114/Rm E01 - Disconnect room E1
4492-ADRY0001	Air Dryer, Rm 108 - Disconnect at dryer
4492-CBX0001	Control Box, E-02
4492-DXAC0001	Direct Expansion AC Unit, Rm 102, E-2 - Disconnect room E2
4492-DXAC0001	Direct Expansion AC Unit, Rm 102, E-2 - Disconnect room E2
4492-DXAC0001	Direct Expansion AC Unit, Rm 102, E-2 - Disconnect room E2
4492-DXAC0002	Direct Expansion Unit, Outside, South Side - Disconnect at unit
4492-DXAC0003	Direct Expansion AC Unit, Outside, South Side - Disconnect at unit
4492-FAS0001	Fire Alarm System, Outside Rm 102/Rm E02
4492-LTS0001	Emergency Lighting - Dry, Hall, NE Entrance
4492-LTS0002	Emergency Lighting - Dry, Hall, N Center Entrance
4492-LTS0003	Emergency Lighting - Dry, Hall, Center, Bldg
4492-LTS0004	Emergency Lighting - Dry, Hall, East, Bldg
4492-PNL0001	Panel Board, Outside Rm 108
4492-PNL0002	Panel Board, Outside Rm 191
4492-PNL0003	Panel Board, Outside Rm 107
4492-PNL0004	Panel Board, Rm 102/Rm E02
4492-PNL0005	Panel Board, Outside Rm 100C
4492-PNL0006	Panel Board, Rm 102/Rm E02
4492-ROOF0001	Roof, Main, Bldg 4492
4492-SPR0001	Sprinkler System, Rm 114/Rm E01
4492-SS0001	Safety Switch, E-02
4492-SS0002	Safety Switch, E-02
4492-SS0003	Safety Switch, E-02

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4492-SS0004	Safety Switch, E-02
4492-SS0005	Safety Switch, E-02
4492-SS0006	Safety Switch, E-02
4492-SS0007	Safety Switch, E-02
4492-SS0008	Safety Switch, E-02
4492-SS0009	Safety Switch, E-02
4492-SS0010	Safety Switch, South, Outside
4492-SS0011	Safety Switch, South, Outside
4492-STRT0001	Starter, E-02
4492-STRT0002	Starter, E-02
4492-STRT0003	Starter, E-02
4492-STRT0004	Starter, E-02
4492-STRT0005	Starter, E-02
4492-STRT0006	Starter, E-02
4492-TMR0001	Timer, E-02
4492-TRP0001	Steam Trap, East End (013-00001)
4492-TRP0002	Steam Trap, East End (013-00002)
4492-TRP0003	Steam Trap, Rm 112 (013-00003)
4492-TRP0004	Steam Trap, Rm 106 (013-00004)
4492-TRP0005	Steam Trap, Rm 102/E-2 (013-00005)
4492-TRP0006	Steam Trap, Rm 102/E-2 (013-00006)
4492-TRP0007	Steam Trap, Rm 103 (013-00007)
4492-TRP0008	Steam Trap, Rm 105 (013-00008)
4493-ACLN0001	Air Cleaner, Rm 120
4493-ACLN0002	Air Cleaner, Rm 120
4493-ACMP0001	Air Compressor Control, Rm 109/Rm E1 S Side O/S - Disconnect E1 south wall
4493-ACMP0002	Air Compressor Control, Rm 155, E-4 - Disconnect room E4
4493-AH0001	Air Handling Unit, Rm 109/Rm E1 South Side Outside - Disconnect room E1
4493-AH0002	Air Handling Unit, Rm 109/Rm E1 S Side O/S - Disconnect room E1
4493-AH0003	Air Handling Unit, Rm 147/Rm E6 - Disconnect in room E6
4493-AH0005	Air Handling Unit, Rm 147/Rm E6 - Disconnect in room E6
4493-AH0006	Air Handling Unit, Rm 155/Rm E4 - Disconnect in room E4
4493-AH0007	Air Handling Unit, Rm 155/Rm E4 - Disconnect in room E4
4493-AH0008	Air Handling Unit, Rm 160B - Disconnect on unit
4493-AH0009	Air Handlig Unit, Above Rm 260B - Disconnect on unit
4493-ATS0001	Auto Transfer Switch, Rm 157/Rm E5
4493-BATB0001	Battery Bank, Rm 157/Rm E5
4493-CBP0001	Circuit Breaker Panel, Room 157
4493-CBS0001	Circuit Breaker Starter, Room 109, E-01
4493-CBS0002	Circuit Breaker Starter, Room 109, E-01
4493-CBS0003	Circuit Breaker Starter, Room 109, E-01
4493-CHWP0001	Chill Water Pump, Rm 109/Rm E1 South Side Outside - Disconnect room E1
4493-CHWP0002	Secondary Chill Water Pump, Rm 155/Rm E4 - Disconnect in room E4
4493-CHWP0003	Secondary Chill Water Pump, Rm 155/Rm E4 - Disconnect in room E4
4493-COIL001A	Chilled Water Coil, AH0001, Rm 109/E-1
4493-COIL001B	Hot Water/Steam Coil, AH0001, Rm 109/E-1
4493-COIL002A	Chilled Water Coil, AH0002, Rm 109/E-1
4493-COIL002B	Hot Water/Steam Coil, AH0002, Rm 109/E-1
4493-COIL003A	Chilled Water Coil, AH0003, Rm 147/E-6
4493-COIL003B	Hot Water/Steam Coil, AH0003, Rm 147/E-6
4493-COIL005A	Chilled Water Coil, AH0005, Rm 147/E-6
4493-COIL005B	Hot Water/Steam Coil, AH0005, Rm 147/E-6
4493-COIL006A	Chilled Water Coil, AH0006, Rm 155/E-4

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4493-COIL006B	Hot Water/Steam Coil, AH0006, Rm 155/E-4
4493-COIL007A	Chilled Water Coil, AH0007, Rm 155/E-4
4493-COIL007B	Hot Water/Steam Coil, AH0007, Rm 155/E-4
4493-COIL008A	Chilled Water Coil, AH0008, Rm 160B
4493-COIL008B	Hot Water/Steam Coil, AH0008, Rm 160B
4493-COIL009A	Chilled Water Coil, AH0009, Above Rm 260B
4493-COIL009B	Hot Water/Steam Coil, AH0009, Above Rm 260B
4493-CONT0001	Contact, Room 145
4493-CONT0002	Contact, Room 157
4493-CONT0003	Contact, Room 157
4493-CONT0004	Contact, Room 157
4493-CONT0005	Contact, Room 157
4493-CRN0001	Bridge Crane 20 Ton, High Bay, Rm 140 - Disconnect at WEST WALL
4493-CRU0001	Computer Room Unit, Rm 121/Rm E3 - Disconnect in room E3
4493-CRU0001	Computer Room Unit, Rm 121/Rm E3 - Disconnect in room E3
4493-CRU0002	Computer Room Unit, Rm 133 - Disconnect at unit
4493-CRU0002	Computer Room Unit, Rm 133 - Disconnect at unit
4493-CRU0002	Computer Room Unit, Rm 133 - Disconnect at unit
4493-CRU0003	Computer Room Unit, Overhead, Rm 149
4493-DOOR0001	Roll Up Door, High Bay, Rm 140 - Disconnect at door
4493-DOOR0002	Roll Up Door, Rm 153 - Disconnect at door
4493-DOOR0003	Roll Up Door, Rm 151 - Disconnect at door
4493-DOOR0004	Electric Personnel Door, North Side - Disconnect in panel
4493-DOOR0005	Electric Personnel Door, North Side - Disconnect in panel
4493-DOOR0006	Roll Up Door, Rm 160 - Disconnect at door
4493-DXAC0001	Direct Expansion AC Unit, Rm 157/Rm E5 - Disconnect in room E5
4493-DXAC0001	Direct Expansion AC Unit, Rm 157/Rm E5 - Disconnect in room E5
4493-EW0001	Safety Eyewash, Rm 157/Rm E5
4493-FAS0001	Fire Alarm System, North Entrance
4493-GEN0001	Emergency Generator, West Outside
4493-HST0001	0.5-Ton Electric Hoist, Room 113
4493-HTR0001	Heater Unit, Rm 160 - Disconnect at unit
4493-HTR0002	Heater Unit, Rm 160 - Disconnect at unit
4493-HTR0003	Heater Unit, Rm 160 - Disconnect at unit
4493-HTR0004	Heater Unit, Rm 160 - Disconnect at unit
4493-HUM0001	Humidifier, Rm 155/Rm E04 - Disconnect in room E4
4493-HWHD0001	HW Heater Domestic, Rm 109/Rm E1 S S O/S - Disconnect in room E1 South si
4493-HWHD0002	HW Heater Domestic, Rm 111B - Disconnect at heater
4493-HWP0001	Hot Water Pump, Rm 155/Rm E4 - Disconnect in room E4
4493-HWP0002	Hot Water Pump, Rm 155/Rm E4 - Disconnect in room E4
4493-HWP0003	Hot Water Pump, Rm 143 - Disconnect at pump
4493-LTS0001	Emergency Lighting - Dry Cell, Rm 140 West Wall
4493-LTS0002	Emergency Lighting - Dry Cell, Hall, Near Rm 103
4493-LTS0003	Emergency Lighting - Dry Cell, Hall, Near Rm 108
4493-LTS0004	Emergency Lighting - Dry Cell, Hall, Near Rm 110B
4493-LTS0005	Emergency Lighting - Dry Cell, Hall, Near Rm 112
4493-LTS0006	Emergency Lighting - Dry Cell, Hall, Near Rm 121
4493-LTS0007	Emergency Lighting - Dry Cell, Hall, Near Rm 122
4493-LTS0008	Emergency Lighting - Dry Cell, Rm 157
4493-LTS0009	Emergency Lighting - Dry Cell, Rm 155
4493-LTS0010	Emergency Lighting - Dry Cell, Rm 140, West Wall S
4493-LTS0011	Emergency Lighting - Dry Cell, Rm 140, S Wall West
4493-LTS0012	Emergency Lighting - Dry Cell, Rm 140, S Wall East

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4493-LTS0013	Emergency Lighting - Dry Cell, Rm 140, N Wall East
4493-LTS0014	Emergency Lighting - Dry Cell, Rm 140, N Wall West
4493-LTS0015	Emergency Lighting - Rm 160
4493-LTS0016	Emergency Lighting - Rm 160
4493-LTS0017	Emergency Lighting - Rm 160
4493-LTS0018	Emergency Lighting - Dry Cell, Rm 260 North Wall
4493-LTS0019	Emergency Lighting - Dry Cell, Rm 260 East Wall
4493-LTS0020	Emergency Light, Room 141, Bath Rm.
4493-LTS0021	Emergency Light, Stairs By Rm. 160A
4493-MCC0001	Motor Control Center, Rm 155/Rm E4
4493-MCC0002	Motor Control Center, Rm 155/Rm E4
4493-MID0001	Microscan Interface Device, Rm 155/Rm E4
4493-MID0002	Microscan Interface Device, Rm 160B
4493-ODT0003	Oxygen Detection System, Rm 151 - REMOVED PER
4493-ODT0004	Oxygen Detection System, Rm 149, Chem Lab
4493-ODT0006	Oxygen Detection System, South Wall Center, Rm 140 - REMOVED
4493-ODT0012	Oxygen Detection System, Rm 113
4493-ODT0013	Oxygen Detection System, Rm 160
4493-PNL0001	Panel Board, Rm 109/Rm E1 South Side Outside
4493-PNL0002	Panel Board, Rm 112
4493-PNL0003	Panel Board, Rm 105
4493-PNL0004	Panel Board, Rm 105
4493-PNL0005	Panel Board, Rm 109/Rm E1 South Side Outside
4493-PNL0006	Panel Board, Rm 109/Rm E1 South Side Outside
4493-PNL0007	Panel Board, Rm 145/Rm E7
4493-PNL0008	Panel Board, NW Corner, High Bay, Rm 140
4493-PNL0009	Panel Board, South Side, High Bay, Rm 140
4493-PNL0010	Panel Board, SE Corner, High Bay, Rm 140
4493-PNL0011	Panel Board, Rm 157/Rm E5
4493-PNL0012	Panel Board, Rm 160
4493-PNL0013	Panel Board, Rm 160
4493-PNL0014	Panel Board, Rm 160
4493-PNL0015	Panel Board, Rm 160
4493-PNL0016	Panel Board, Rm 160
4493-PNL0017	Panel Board, Rm 160
4493-PNL0018	Panel Board, Rm 157/E05
4493-RLY0001	Relay, Room 145
4493-RLY0002	Relay, Room 157
4493-ROOF0001	Roof, Main, Bldg 4493
4493-ROOF0002	Roof, North, Bldg 4493
4493-SHEW0002	Safety Shower and Eyewash, Rm 149
4493-SPR0001	Sprinkler System, Rm 100A/Rm E2 North Side Inside
4493-SPR0002	Sprinkler System, Rm 155/Rm E4
4493-SS0001	Safety Switch, Room 113
4493-SS0002	Safety Switch, Room 147
4493-SS0003	Safety Switch, Room 147, Mezz.
4493-SS0004	Safety Switch, Room 147, Mezz.
4493-SS0005	Safety Switch, Room 140, S. Wall
4493-SS0006	Safety Switch, Room 140, W. Wall
4493-SS0007	Safety Switch, Room 149
4493-SS0008	Safety Switch, Room 151
4493-SS0009	Safety Switch, Room 160
4493-SS0010	Safety Switch, Room 160

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4493-SS0011	Safety Switch, S. Outside
4493-SS0012	Safety Switch, S. Outside
4493-SS0013	Safety Switch, Room 160, Upper Area
4493-SS0014	Safety Switch, Room 160, Upper Area
4493-SS0015	Safety Switch, Room 160, Upper Area
4493-SS0016	Safety Switch, Room 160, Upper Area
4493-SS0017	Safety Switch, Room 153
4493-SS0018	Safety Switch, Room 153, S. Wall
4493-SS0019	Safety Switch, Room E157
4493-SS0020	Safety Switch, Room E157
4493-SS0021	Safety Switch, Room E157
4493-SS0022	Safety Switch, Room E157
4493-SS0023	Safety Switch, S. Outside
4493-SS0024	Safety Switch, W. Outside
4493-SS0025	Safety Switch, W. Outside
4493-SS0026	Safety Switch, S. Outside
4493-SS0027	Safety Switch, Room 109, E-01
4493-SS0028	Safety Switch, Room 109, E-01
4493-SS0029	Safety Switch, Room 109, E-01
4493-SS0030	Safety Switch, Room 105
4493-SS0031	Safety Switch, Room 105
4493-STRT0001	Starter, Room 153
4493-STRT0002	Starter, Room E155
4493-STRT0003	Starter, S. Outside
4493-STRT0004	Starter, S. Outside
4493-SWBD0001	Switch Board, Rm 157/Rm E5
4493-SWBD0002	Switch Board, Room 105
4493-TANK0001	Diesel Storage Tank
4493-TRP0001	Steam Trap, Rm 109/E-1 (011-00001)
4493-TRP0002	Steam Trap, Rm 109/E-1 (011-00002)
4493-TRP0003	Steam Trap, Rm 109/E-1 (011-00003)
4493-TRP0004	Steam Trap, Rm 109/E-1 (011-00004)
4493-TRP0005	Steam Trap, Rm 109/E-1 (011-00005)
4493-TRP0006	Steam Trap, Rm 109/E-1 (011-00006)
4493-TRP0007	Steam Trap, Rm 109/E-1 (011-00007)
4493-TRP0008	Steam Trap, Rm 109/E-1 (011-00008)
4493-TRP0009	Steam Trap, Rm 109/E-1 (011-00009)
4493-TRP0010	Steam Trap, Rm 109/E-1 (011-00010)
4493-TRP0011	Steam Trap, Rm 109/E-1 (011-00011)
4493-TRP0012	Steam Trap, Rm 109/E-1 (011-00012)
4493-TRP0013	Steam Trap, Rm 109/E-1 (011-00013)
4493-TRP0014	Steam Trap, Rm 109/E-1 (011-00014)
4493-TRP0015	Steam Trap, Rm 155/E-4 (011-00015)
4493-TRP0016	Steam Trap, Rm 155/E-4 (011-00016)
4493-UH0001	Unit Heater Steam, Rm 153
4493-UH0002	Unit Heater Steam, Rm 153
4493-UH0003	Unit Heater Steam, Rm 153
4493-UH0004	Unit Heater Steam, Rm 153
4493-UH0005	Unit Heater Steam, Rm 160
4493-UH0006	Unit Heater Steam, Rm 160
4493-UH0007	Unit Heater Steam, Rm 160
4493-UH0008	Unit Heater Steam, Rm 160
4493-UPS0001	UPS Power System, Rm 157/Rm E5

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4493-XFMR0001	Transformer, Rm 105
4493-XFMR0002	Transformer, Rm 105
4493-XFMR0003	Transformer, Rm 112
4493-XFMR0004	Transformer, Rm 145/Rm E7
4493-XFMR0005	Transformer, Rm 153
4493-XFMR0006	Transformer, Rm 157/Rm E5
4493-XFMR0007	Transformer, Rm 157/Rm E5
4493-XFMR0008	Transformer, Rm 157/Rm E5
4493-XFMR0009	Transformer, Rm 160
4493-XFMR0010	Transformer, Room 140, Nw Corner
4493-XFMR0011	Transformer, Room 160
4494-ACMP0001	Air Compressor Controller, Rm 23/Rm E01 - Disconnect room E1
4494-AH0001	Air Handling Unit, Rm 130 - Disconnect on unit
4494-CBX0001	Control Box, Room 130, E-02
4494-CHWP0001	Chill Water Pump, Rm 130 - Disconnect at pump
4494-CHWP0002	Pump Chilled Water, E-2
4494-COIL001A	Chilled Water Coil, AH0001, Rm 130
4494-COIL001B	Hot Water/Steam Coil, AH0001, Rm 130
4494-FAS0001	Fire Alarm System, North Main Entrance
4494-HWHD0001	Hot Water Heater - Domestic, Attic - Disconnect at heater
4494-HWHD0002	Hot Water Heater - Domestic, Laundry Room - Disconnect at heater
4494-KVHD0001	Kitchen Vent Hood, Rm 14
4494-LTS0001	Emergency Lighting - Dry Cell, Attic
4494-LTS0002	Emergency Lighting - Rm 1
4494-LTS0003	Emergency Lighting - Hallway Rm 1
4494-LTS0004	Emergency Lighting - Rm 3
4494-LTS0005	Emergency Lighting - Rm 6
4494-LTS0006	Emergency Lighting - Rm 10
4494-LTS0007	Emergency Lighting - Rm 22
4494-LTS0008	Emergency Lighting - Rm 14
4494-LTS0009	Emergency Lighting - Rm 21
4494-LTS0010	Emergency Lighting - Rm 17
4494-LTS0011	Emergency Lighting - Rm 19
4494-LTS0012	Emergency Lighting - Rm 20
4494-PNL0001	Panel Board, Rm 1
4494-PNL0002	Panel Board, Rm 22, S. Wall
4494-PNL0003	Panel Board, Rm 22, S. Wall
4494-PNL0004	Panel Board, Rm 22, S. Wall
4494-PNL0005	Panel Board, Rm 130
4494-PNL0006	Panel Board, Rm 130
4494-PNL0007	Panel Board, Rm 130
4494-PNL0008	Panel Board, Rm 130
4494-PNL0009	Panel Board, Rm 11
4494-ROOF0001	Roof, Main, Bldg 4494
4494-ROOF0002	Roof, Bldg 4494
4494-ROOF0003	Roof, Bldg 4494
4494-SPR0001	Sprinkler System, Rm 23/Rm E01
4494-SS0001	Safety Switch, Room 22
4494-SS0002	Safety Switch, Pipe Chase
4494-SS0003	Safety Switch, Pipe Chase
4494-SS0004	Safety Switch, Pipe Chase
4494-SS0005	Safety Switch, Room 130, E-02
4494-SS0006	Safety Switch, Room 130, E-02

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EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4494-SS0007	Safety Switch, Room 23, E-01
4494-SSS0001	Starter Safety Switch, Room 130, E-02
4494-STRT0001	Starter, Room 130, E-02
4494-STRT0002	Starter, Room 130, E-02
4494-STRT0003	Starter, Room 130, E-02
4494-SUB0001	Substation, East, Woods
4494-UH0001	Unit Heater Steam, E-2
4494-XFMR0001	Transformer, Rm 130
4494-XFMR0002	Transformer, Rm E02 / 130
4494-XFMR0003	Transformer, Room 130, E-02
4515-DXAC0001	Direct Expansion AC Unit, 2nd Level, North Corner - Disconnect at unit
4515-DXAC0002	Direct Expansion AC Unit, 3rd Level, North Corner - Disconnect at unit
4515-LTS0001	Aviation Lights, Roof - REMOVED from PM
4515-ODT0001	Oxygen Detection System, 1st Floor
4515-PNL0001	Panel Board, 1st Floor
4515-PNL0002	Panel Board, 1st Floor
4520-CONT0001	Contactor, East Outside
4520-HST0001	1 Ton Electric Hoist, Top of SPTP Tower - Disconnect at NEXT TO HOIST
4520-LTS0001	Emergency Light, South Room
4520-PNL0001	Panel Board, East Outside
4520-PNL0002	Panel Board, South Room
4520-SS0001	Safety Switch, East Outside
4520-SS0002	Safety Switch, East Outside
4520-SS0003	Safety Switch, East Outside
4520-XFMR0001	Transformer, Outside, South
4522-AH0001	Air Handling Unit, Basement, Rm T101 - Disconnect on unit
4522-CBP0001	Circuit Breaker Panel, Room 202
4522-CBP0002	Circuit Breaker Panel, Room 202
4522-COIL001A	Chilled Water Coil, AH0001, Basement, Rm T101
4522-COIL001B	Hot Water/Steam Coil, AH0001, Basement, Rm T101
4522-ELEV0001	Cable Elevator, Test Stand 500, Bldg 4522 - Disconnect at elevator
4522-HST0002	1-Ton Chain Hoist, 3rd floor tower
4522-LROD0001	Lightning Protection System, Roof
4522-LTS0001	Emergency Lighting - Dry Cell, Rm T201
4522-LTS0002	Emergency Lighting - Dry Cell, Rm T101
4522-MTS0001	Manual Transfer Switch, Rm 202, Bldg 4522
4522-PNL0001	Panel Board, Rm T201
4522-PNL0002	Panel Board, Rm T202
4522-PNL0003	Panel Board, Rm T202
4522-PNL0004	Panel Board, Rm T202
4522-PNL0005	Panel Board, Room 202
4522-ROOF0001	Roof, Main, Bldg 4522
4522-SHEW0001	Safety Shower and Eyewash, West Outside
4522-SHEW0002	Safety Shower and Eyewash, Outside, East, Bldg 4522
4522-SPMP001A	Sump Pump, Basement, Rm T101 - Disconnect at pump
4522-SPMP001B	Sump Pump, Basement, Rm T101 - Disconnect at pump
4522-SPR0001	Sprinkler System, Basement, Rm T101
4522-SS0001	Safety Switch, Basement
4522-SS0002	Safety Switch, Basement
4522-SSS0001	Starter Safety Switch, Basement
4522-STRT0001	Starter, Level 5, Test Stand
4522-STRT0002	Starter, Level 6, Test Stand
4522-UPS0001	UPS Power System, Rm 202

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4522-XFMR0001	Transformer, Room 202
4523-CONT0001	Contactor, South Wall
4523-CONT0002	Contactor, North Wall
4523-DOOR0001	Rollup Door, Manual, West Side
4523-FAS0001	Fire Alarm System, North Wall
4523-HST0001	2 Ton Electric Hoist, Rm 100 - Disconnect at NORTH WALL
4523-ODT0001	Oxygen Detection System, East Wall Inside, Rm 100/Rm E01, REMOVED 2/4/05
4523-PNL0001	Panel Board, Rm 100, South Wall
4523-PNL0002	Panel Board, Rm 100, South Wall
4523-PNL0003	Panel Board, Rm 100, North Wall
4523-ROOF0001	Roof, Main, Bldg 4523
4523-SS0001	Safety Switch, East Wall
4523-SS0002	Safety Switch, South Wall
4523-SS0003	Safety Switch, West Wall
4523-SS0004	Safety Switch, North Wall
4523-SS0005	Safety Switch, Outside, East
4523-SS0006	Safety Switch, Outside South
4523-STRT0001	Starter, South Wall
4523-STRT0002	Starter, South Wall
4523-STRT0003	Starter, Outside, South
4523-XFMR0001	Transformer, Rm 100 South Wall
4523-XFMR0002	Transformer, South Wall
4523-XFMR0003	Transformer, South Wall
4523-XFMR0004	Transformer, South Wall
4524-ACMP0001	Air Compressor, Rm 102/Rm E01 - Disconnect room E1
4524-AH0001	Air Handling Unit, Rm 102/Rm E01 - Disconnect room E1
4524-CHLR0001	Water Chiller, Rm 102/Rm E01
4524-CHWP0001	Chill Water Pump, Rm 102/Rm E01 - Disconnect room E1
4524-CHWP0002	Chill Water Pump, Rm 102/Rm E01 - Disconnect room E1
4524-CHWP0002	Chill Water Pump, Rm 102/Rm E01 - Disconnect room E1
4524-COIL001A	Chilled Water Coil, AH0001, Rm 102/E-1
4524-COIL001B	Hot Water/Steam Coil, AH0001, Rm 102/E-1
4524-COND0001	Air Cooled Condenser, Outside West End - Disconnect west end
4524-COND0002	Air Cooled Condenser, Outside West End - Disconnect west end
4524-HWHD0001	Hot Water Heater - Domestic, Rm 102/Rm E01 - Disconnect room E1
4524-PMP0001	Hydraulic Pump, Rm 102/Rm E01 - Disconnect room E1
4524-PNL0001	Panel Board, Rm 102/Rm E01
4524-PNL0002	Panel Board, Rm 102/Rm E01
4524-PNL0003	Panel Board, North Shed
4524-PNL0004	Panel Board, North Shed
4524-ROOF0001	Roof, Main, Bldg 4524
4524-SPMP0001	Sump Pump, Pit, North Side - Disconnect at pump
4524-SPMP001	Pump Sump, North
4524-SS0001	Safety Switch, Room 100
4524-SS0002	Safety Switch, Outside, South
4524-SS0003	Safety Switch, Outside, South
4524-SS0004	Safety Switch, Room 102, E-01
4524-SS0005	Safety Switch, Room 102, E-01
4524-SS0006	Safety Switch, Room 102, E-01
4524-SS0007	Safety Switch, Room 102, E-01
4524-SSS0001	Starter Safety Switch, Room 102, E-01
4524-SSS0002	Starter Safety Switch, Room 102, E-01
4524-SSS0003	Starter Safety Switch, Room 102, E-01

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4524-SSS0004	Starter Safety Switch, Room 102, E-01
4524-SSS0005	Starter Safety Switch, Room 102, E-01
4524-SUB0001	Substation, North Side
4524-XFMR0001	Transformer, Rm 102/Rm E01
4524-XFMR0002	Transformer, North Shed
4525-MCC0001	Motor Control Center, North Wall
4525-PNL0001	Panel Board, South Wall Interior
4525-ROOF0001	Roof, Main, Bldg 4525
4525-SHEW0001	Safety Shower and Eyewash, Near Lox Storage
4525-STRT0001	Starter, South Wall
4525-TMR0001	Timer, South Wall
4526-PNL0001	Panel Board, North Wall Interior
4526-PNL0002	Panel Board, South Wall Interior
4526-XFMR0001	Transformer, South Wall
4527-CBX0001	Control Box, Outside, East Side
4527-SHEW0001	Safety Shower & Eyewash, East End
4530-AH0001	Air Handling Unit, Basement - Disconnect on unit
4530-BATB0001	Battery Bank, Shed, South Side, Bldg 4530
4530-CBP0001	Circuit Breaker Panel, Room T3/ 13
4530-CBP0002	Circuit Breaker Panel, Vacuum Bldg., 2ND Level
4530-CBP0003	Circuit Breaker Panel, Vacuum Bldg., 2ND Level
4530-CBS0001	Circuit Breaker Starter, Basement
4530-CBS0002	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0003	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0004	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0005	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0006	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0007	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0008	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CBS0009	Circuit Breaker Starter, Vacuum Bldg., 1ST Level
4530-CNDP0001	Condensate Pump, Rm B100/Basement
4530-CNDP0002	Condensate Pump, Rm B100/Basement
4530-COIL001A	Chilled Water Coil, AH0001, Basement
4530-COIL001B	Hot Water/Steam Coil, AH0001, Basement
4530-DOOR0001	Rollup Door, South Side, Pump House
4530-DXAC0001	Direct Expansion AC Unit, West Side - Disconnect at unit
4530-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4530-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4530-FAS0001	Fire Alarm System, Rm T2
4530-HDT0001	Hydrogen Detection System, Rm T2
4530-HDT0002	Hydrogen Detection System, Rm T2
4530-HDT0003	Hydrogen Detection System, Rm T2
4530-LTS0001	Emergency Lighting - Dry Cell, Rm T2
4530-LTS0002	Emergency Lighting - Dry Cell, Rm T3
4530-LTS0003	Emergency Lighting - Dry Cell, 2nd level North
4530-LTS0005	Emergency Lighting - Dry Cell, UPS Room
4530-MTS0001	Manual Transfer Switch, Concrete Bldg, East Side, Bldg 4530
4530-ODT0001	Oxygen Detection System, Pump Room
4530-PNL0001	Panel Board, Concrete Bldg, East Side, Bldg 4530
4530-PNL0002	Panel Board, Rm T2
4530-PNL0003	Panel Board, Rm T2
4530-PNL0004	Panel Board, Rm T2
4530-PNL0005	Panel Board, Basement

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4530-PNL0006	Panel Board, Rm T2
4530-PNL0007	Panel Board, Rm T2
4530-PNL0008	Panel Board, Concrete Bldg, East Side, Bldg 4530
4530-PNL0009	Panel Board, Rm T3
4530-PNL0010	Panel Board, Rm T3
4530-PNL0011	Panel Board, Rm T3
4530-PNL0012	Panel Board, Rm T3
4530-PNL0013	Panel Board, Rm T3
4530-PNL0014	Panel Board, Rm T3
4530-PNL0015	Panel Board, Rm T3
4530-ROOF0001	Roof, Main, Bldg 4530
4530-ROOF0002	Roof, Bldg 4530
4530-ROOF0003	Roof, Bldg 4530
4530-ROOF0004	Roof, Bldg 4530
4530-ROOF0005	Roof, Bldg 4530
4530-ROOF0006	Roof, Bldg 4530
4530-ROOF0007	Roof, Bldg 4530
4530-SHEW0001	Safety Shower and Eyewash, Test Stand 300, NE
4530-SHEW0002	Safety Shower and Eyewash, Test Stand 300, South
4530-SPMP001	Sump Pump, Basement - Disconnect at pump
4530-SS0001	Safety Switch, Room T3/ 13
4530-SS0002	Safety Switch, Basement
4530-SS0003	Safety Switch, Basement
4530-SS0004	Safety Switch, Vacuum Bldg., 2ND Level
4530-SS0005	Safety Switch, Outside, South
4530-SS0006	Safety Switch, Vacuum Bldg., 1ST Level
4530-SS0007	Safety Switch, Vacuum Bldg., 1ST Level
4530-SS0008	Safety Switch, Vacuum Bldg., 1ST Level
4530-SS0009	Safety Switch, Vacuum Bldg., 1ST Level
4530-SS0010	Safety Switch, Vacuum Bldg., 1ST Level
4530-SS0011	Safety Switch, Outer Bldg., South
4530-SS0012	Safety Switch, Outer Bldg., Northeast
4530-SS0013	Safety Switch, Outer Bldg., Northeast
4530-SS0014	Safety Switch, Outer Bldg., Northeast
4530-SS0015	Safety Switch, Vacuum Bldg., 5TH Level
4530-STRT0001	Starter, Basement
4530-STRT0002	Starter, Basement
4530-STRT0003	Starter, Vacuum Bldg., 1ST Level
4530-STRT0004	Starter, Vacuum Bldg., 1ST Level
4530-STRT0005	Starter, Vacuum Bldg., 1ST Level
4530-STRT0006	Starter, Vacuum Bldg., 1ST Level
4530-STRT0007	Starter, Vacuum Bldg., 1ST Level
4530-SUB0001	Substation, South Outside
4530-SUB0002	Substation, West Outside
4530-SWBD0001	Switch Board, Vacuum Building, 2nd Level
4530-UH0001	Unit Heater, 2ND Floor 4530 Pump House
4530-UPS0001	UPS Power System, Shed, South Side, Bldg 4530
4530-XFMR0001	Transformer, Basement
4530-XFMR0002	Transformer, Basement
4530-XFMR0003	Transformer, Rm T3
4531-ACMP0001	Air Compressor, Outside East End, (In Shed) - Disconnect at compressor
4531-ACMP0002	Air Compressor, Rm 103/Rm E01 - Disconnect room E1
4531-ACMP0003	Air Compressor Control, Rm 103/Rm E01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4531-ADRY0001	Air Dryer, Rm 103/Rm E01 - Disconnect room E1
4531-AH0001	Air Handling Unit, Rm 103/Rm E01 - Disconnect room E1
4531-CBP0001	Circuit Breaker Panel, Room 100
4531-CHLR0001	Water Chiller, Rm 103/Rm E01
4531-CHWP0001	Chill Water Pump, Rm 103/Rm E01 - Disconnect room E1
4531-CNDP0001	Condensate Pump, Rm 103/Rm E01 - Disconnect room E1
4531-CNDP0002	Condensate Pump, Rm 103/Rm E01 - Disconnect room E1
4531-COIL001A	Chilled Water Coil, AH0001, Rm 103/E-1
4531-COIL001B	Hot Water/Steam Coil, AH0001, Rm 103/E-1
4531-COND0001	Air Cooled Condenser, Outside East End - Disconnect east end
4531-DOOR0001	Automatic Roll-Up Door, West Side, Rm 102 - Disconnect at door
4531-DOOR0002	Automatic Roll-Up Door, South Side, Rm 102 - Disconnect at door
4531-HST0001	5-Ton Electric Hoist, High Bay, Rm 102 - Disconnect at W.WALL(NOT ACCESSIBLE)
4531-HWHD0001	Hot Water Heater - Domestic, Shop Area North, Rm 102 - Disconnect at heater
4531-MCC0001	Motor Control Center, Rm 103/Rm E01
4531-ODT0001	Oxygen Detection System, Rm 100
4531-PNL0001	Panel Board, Rm 100
4531-PNL0002	Panel Board, High Bay, Rm 102
4531-PNL0003	Panel Board, High Bay, Rm 102
4531RM0102	Rm 102, High Bay, 1st Floor, Bldg 4531
4531-ROOF0001	Roof, Main, Bldg 4531
4531-ROOF0002	Roof, Bldg 4531
4531-SS0001	Safety Switch, Room 100
4531-SS0002	Safety Switch, Room 102
4531-STRT0001	Starter, Room 102
4531-STRT0002	Starter, Room E-01
4531-STRT0003	Starter, Room E-01
4531-STRT0004	Starter, Outside, North
4531-UH0001	Unit Heater, Room 100
4531-XFMR0001	Transformer, Rm 103/Rm E01
4532-DOOR0001	Roll-Up Door, Manual, West Side
4532-DXAC0001	Direct Expansion Unit, North Outside
4532-EAF0001	Exhaust Air Fan, Rm 100, South Side
4532-ODT0001	Oxygen Detection System, Rm 100
4532-PNL0001	Panel Board, Rm 100
4532-PNL0002	Panel Board, Rm 100
4532-ROOF0001	Roof, Main, Bldg 4532
4532-SS0001	Safety Switch, Test Support Room
4532-SS0002	Safety Switch, Test Support Room
4532-SS0003	Safety Switch, Outside, East
4532-STRT0001	Starter, Test Support Room
4532-STRT0002	Starter, Test Support Room
4532-STRT0003	Starter, Test Support Room
4532-UH0001	Unit Heater Electric, Inside
4532-UH0002	Unit Heater Electric, Inside
4532-XFMR0001	Transformer, Rm 100
4532-XFMR0002	Transformer, Rm 100
4532-XFMR0003	Transformer, Rm 100
4533-BATB0001	Battery Bank, Outside, East
4533-MTS0001	Manual Transfer Switch, Concrete Bldg
4533-PNL0001	Panel Board, Concrete Bldg
4533-PNL0002	Panel Board, Concrete Bldg
4533-UPS0001	Ups Power System, Concrete Bldg

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4539-ACMP0001	Air Compressor Control, Inside North, Rm 100 - Disconnect on north wall
4539-ADRY0001	Air Dryer, Inside North, Rm 100 - Disconnect on north side
4539-CBP0001	Circuit Breaker Panel, West Wall
4539-CBP0002	Circuit Breaker Panel, West Wall
4539-CBP0003	Circuit Breaker Panel, Outside, North
4539-CONT0001	Contactor, West Wall
4539-CONT0002	Contactor, West Wall
4539-DOOR0001	Rollup Door, East Side, Rm 100
4539-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4539-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4539-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4539-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4539-HST0001	2-Ton Electric Hoist, Rm 100 - Disconnect at NORTH WALL
4539-HWHD0001	Hot Water Heater - Domestic, Rm 101 - Disconnect at heater
4539-LTS0001	Emergency Lighting - Dry Cell, East Side, Rm 100
4539-MCC0001	Motor Control Center, West Wall, Inside, Rm 100
4539-ODT0001	Oxygen Detection System, Rm 100 South Wall
4539-PNL0001	Panel Board, South Wall Inside, Rm 100
4539-PNL0002	Panel Board, South Wall, Rm 100
4539-PNL0003	Panel Board, South Wall, Rm 100
4539-PNL0004	Panel Board, South Wall, Rm 100
4539-RLY0001	Relay, West Wall
4539-ROOF0001	Roof, Main, Bldg 4539
4539-SHEW0001	Safety Shower & Eyewash, Outside West
4539-SHEW0002	Safety Shower & Eyewash, Outside North Side
4539-SS0001	Safety Switch, North Wall
4539-SS0002	Safety Switch, North Wall
4539-SS0003	Safety Switch, East Wall
4539-SS0004	Safety Switch, Outside, South
4539-SS0005	Safety Switch, Outside, South
4539-SS0006	Safety Switch, Outside, North
4539-SS0007	Safety Switch, North Wall
4539-SUB0001	Substation, East
4539-XFMR0001	Transformer, West Wall, Rm 100
4539-XFMR0002	Transformer, Outside North
4540-BATB0001	Battery Bank, B100
4540-CBP0001	Circuit Breaker Panel, Basement
4540-CBP0002	Circuit Breaker Panel, Basement
4540-CRN0001	Crane Bridge 5 Ton, Test Stand
4540-HDT0001	Hydrogen Detection System, Basement
4540-LROD0001	Lightning Protection System, Roof
4540-LTS0001	Emergency Lighting - Dry Cell, Rm B100
4540-MTS0001	Manual Transfer Switch, Rm B100
4540-ODT0001	Oxygen Detection System, Basement
4540-PNL0001	Panel Board, Basement
4540-PNL0002	Panel Board, Basement
4540-PNL0003	Panel Board, Basement
4540-PNL0004	Panel Board, Basement
4540-PNL0005	Panel Board, Basement
4540-PNL0006	Panel Board, Ground Floor, East
4540-SHEW0001	Safety Shower & Eyewash, East
4540-SHEW0002	Safety Shower & Eyewash, West
4540-SS0001	Safety Switch, Ground Level, East

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4540-SS0002	Safety Switch, 5TH Floor Level
4540-STRT0001	Starter, Ground Level
4540-STRT0002	Starter, Ground Level
4540-UPS0001	UPS Power System, Rm B100
4540-XFMR0001	Transformer, Basement
4541-BATB0001	Battery Bank, East Side
4541-BATB0002	Battery Bank, South
4541-CBP0001	Circuit Breaker Panel, Room 107, E-01
4541-CBP0002	Circuit Breaker Panel, Room 107, E-01
4541-CBP0003	Circuit Breaker Panel, Room 107, E-01
4541-CBP0004	Circuit Breaker Panel, Room 107, E-01
4541-CBP0005	Circuit Breaker Panel, Room 107, E-01
4541-CBS0001	Circuit Breaker Starter, Room 107, E-01
4541-CONT0001	Contactor, Room 107, E-01
4541-CONT0002	Contactor, Room 107, E-01
4541-DXAC0001	Direct Expansion AC Unit, Rm 107/Rm E01 - Disconnect room E1
4541-DXAC0002	Direct Expansion AC Unit, Rm 107/Rm E01 - Disconnect room E1
4541-DXAC0002	Direct Expansion AC Unit, Rm 107/Rm E01 - Disconnect room E1
4541-FAS0001	Fire Alarm System, Observation Room, Rm 101
4541-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4541-LTS0001	Emergency Lighting - Dry Cell, Rm 106
4541-MCC0001	Motor Control Center, Rm 107/Rm E01
4541-MTS0001	Manual Transfer Switch, Rm 107/Rm E01
4541-PNL0001	Panel Board, Rm 107/Rm E01
4541-PNL0002	Panel Board, Observation Room, Rm 101
4541-PNL0003	Panel Board, Control Room, Rm 106
4541-PNL0004	Panel Board, Control Room, Rm 106
4541-PNL0005	Panel Board, Control Room, Rm 106
4541-RLY0001	Relay, Room 107, E-01
4541-ROOF0001	Roof, Main, Bldg 4541
4541-SS0001	Safety Switch, Room 107, E-01
4541-SS0002	Safety Switch, Room 107, E-01
4541-SS0003	Safety Switch, Room 107, E-01
4541-UH0001	Unit Heater, E-01
4541-UH0002	Unit Heater, Room 102 (Women Restroom)
4541-UH0003	Unit Heater, Room 103 (Men Restroom)
4541-UPS0001	UPS Power System, Rm 107/Rm E01
4541-XFMR0001	Transformer, Rm 107/Rm E01
4541-XFMR0002	Transformer, Rm 107/Rm E01
4542-BATB0001	Batter Bank - 2nd Floor
4542-CBP0001	Circuit Breaker Panel, 2ND Level
4542-CBP0002	Circuit Breaker Panel, 2ND Level
4542-DXAC0001	Direct Expansion AC Unit, 2nd Floor SIU Bldg - Disconnect at unit
4542-DXAC0001	Direct Expansion AC Unit, 2nd Floor SIU Bldg - Disconnect at unit
4542-DXAC0002	Direct Expansion AC Unit, 2nd Floor SIU Bldg - Disconnect at unit
4542-DXAC0002	Direct Expansion AC Unit, 2nd Floor SIU Bldg - Disconnect at unit
4542-FAS0001	Fire Alarm System, Block House
4542-HST0001	2-Ton Chain Hoist, South Side - Disconnect at SOUTH WALL
4542-LTS0001	Emergency Lighting - Dry Cell, Rm 101
4542-LTS0002	Emergency Lighting - Dry Cell, Rm 101
4542-LTS0003	Emergency Lighting - Dry Cell, Rm 200
4542-MTS0001	Manual Transfer Switch - 2nd Floor
4542-PNL0001	Panel Board, 1st Floor, Rm 101

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4542-PNL0002	Panel Board, 1st Floor, Rm 101
4542-PNL0003	Panel Board, 1st Floor, Rm 101
4542-PNL0004	Panel Board, 1st Floor, Rm 101
4542-PNL0005	Panel Board, Rm 200
4542-ROOF0001	Roof, Main, Bldg 4542
4542-SHEW0001	Safety Shower & Eyewash, S. Side W. Wall N. Side
4542-SHEW0002	Safety Shower & Eyewash, S. Side W. Wall S. Side
4542-SS0001	Safety Switch, Outside, East
4542-SS0002	Safety Switch, Outside, East
4542-SS0003	Safety Switch, Outside, East
4542-UH0001	Unit Heater, Room 200
4542-UPS0001	Uninterruptible Power Supply - 2nd Floor
4542-XFMR0001	Transformer, Outside North
4542-XFMR0002	Transformer, 2ND Level
4548-LTS0001	Emergency Lighting - Aviation Lights
4549-ACMP0001	Air Compressor, Outside East - Disconnect at compressor
4549-CBP0001	Circuit Breaker Panel, Room 103A
4549-CBS0001	Circuit Breaker Starter, Outside, East
4549-DOOR0001	Roll-Up Door, North Side, Rm 103 - Disconnect at door
4549-DOOR0002	Roll-Up Door, South Side, Rm 104 - Disconnect at door
4549-DXAC0001	Direct Expansion A/C Unit, West Outside - Disconnect at unit
4549-DXAC0002	Direct Expansion A/C Unit, East Outside - Disconnect at unit
4549-DXAC0002	Direct Expansion A/C Unit, East Outside - Disconnect at unit
4549-FAS0001	Fire Alarm System, Hall at Rm 100
4549-HWHD0001	Hot Water Heater - Domestic, Above Rm 107 - Disconnect at heater
4549-HWHD0002	Hot Water Heater - Domestic, Rm 109 - Disconnect at heater
4549-LTS0001	Emergency Lighting - Dry Cell, Hall Near Rm 101B
4549-PNL0001	Panel Board, Rm 103A
4549-PNL0002	Panel Board, Rm 103A
4549-PNL0003	Panel Board, Rm 103A
4549-PNL0004	Panel Board, Rm 103A
4549-PNL0005	Panel Board, Rm 103A
4549-PNL0006	Panel Board, Rm 103A
4549-PNL0007	Panel Board, Corridor
4549-PNL0008	Panel Board, Room 103A
4549-RAF0001	Return Air Fan, Rm 109 - Disconnect in panel
4549-ROOF0001	Roof, Main, Bldg 4549
4549-ROOF0002	Roof, Bldg 4549
4549-ROOF0003	Roof, Bldg 4549
4549-ROOF0004	Roof, Bldg 4549
4549-SHEW0001	Safety Shower & Eyewash, Rm 110 - REMOVED per K. Primm 8/22/05
4549-SS0001	Safety Switch, Room 104
4549-SS0002	Safety Switch, Room 104
4549-SS0003	Safety Switch, Room 103
4549-SS0004	Safety Switch, Room 103A
4549-SS0005	Safety Switch, Outside, East
4549-SS0006	Safety Switch, Outside, West
4549-XFMR0001	Transformer, Rm 103A
4550-ACMP0001	Air Compressor Control, East Side Hoist House - Disconnect east wall
4550-ACMP0002	Air Compressor Control, West Side Hoist House - Disconnect west hoist house
4550-CBP0001	Circuit Breaker Panel, Level 1, W. Area
4550-CBP0002	Circuit Breaker Panel, Level 15, E. Area
4550-CBS0001	Circuit Breaker Starter, Level 1, W. Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4550-CBS0002	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0003	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0004	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0005	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0006	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0007	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0008	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0009	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0010	Circuit Breaker Starter, Level 1, W. Area
4550-CBS0011	Circuit Breaker Starter, Level 1, W. Area
4550-CONT0001	Contactor, Level 11, S. Area
4550-CONT0002	Contactor, Level 11, S. Area
4550-DERK0001	175-Ton Stiffleg Derrick, North Side - Disconnect at WEST END CONTROL ROOM
4550-DERK0002	200-Ton Stiffleg Derrick, Roof - Disconnect at WEST END CONTROL ROOM
4550-DXAC0001	Direct Expansion AC Unit, 15th Level - Disconnect at unit
4550-DXAC0001	Direct Expansion AC Unit, 15th Level - Disconnect at unit
4550-DXAC0002	Direct Expansion AC Unit, 13th Floor - Disconnect at unit
4550-DXAC0003	Direct Expansion AC Unit, 10th Floor - Disconnect at unit
4550-DXAC0004	Direct Expansion AC Unit, 4th Floor - Disconnect at unit
4550-DXAC0005	Direct Expansion AC Unit, 7th Floor - Disconnect at unit
4550-ELEV0001	Cable Elevator, Roof - Disconnect at elevator
4550-HST0003	1/2-Ton Electric Hoist, 15th Floor - Disconnect at NORTH WALL - REMOVED
4550-LAB0001	Refrigeration Unit, 13th Floor - Disconnect at unit
4550-LAB0002	Refrigeration Unit, Ground Floor - Disconnect at unit
4550-LAB0003	Refrigeration Unit, 4th Floor - Disconnect at unit
4550-LAB0004	Refrigeration Unit, 7th Floor - Disconnect at unit
4550-LAB0005	Refrigeration Unit, 10th Floor - Disconnect at unit
4550-LAB0006	Refrigeration Unit, 15th Floor - Disconnect at unit
4550-LROD0001	Lightning Protection System, Roof
4550-LTS0001	Aviation Warning Lights
4550-LTS0002	Emergency Lighting - Dry Cell, 15th Level
4550-LTS0003	Emergency Lighting - Dry Cell, 13th Level
4550-LTS0004	Emergency Lighting - Dry Cell, 10th Level
4550-LTS0005	Emergency Lighting - Dry Cell, 10th Level
4550-LTS0006	Emergency Lighting - Dry Cell, 7th Level
4550-LTS0007	Emergency Lighting - Dry Cell, 6th Level
4550-LTS0008	Emergency Lighting - Dry Cell, 4th Level
4550-LTS0009	Emergency Lighting - Dry Cell, Elevator
4550-ODT0001	Oxygen Detection System, 15th Floor
4550-PMP0001	Water Pump, Rm 100 - Disconnect at pump
4550-PNL0001	Panel Board, 13th Floor, Pump Room
4550-PNL0002	Panel Board, 15th Floor
4550-PNL0003	Panel Board, Ground Floor, Catch Room
4550-PNL0004	Panel Board, 15th Floor, Control Room
4550-PNL0005	Panel Board, 15th Floor
4550-PNL0006	Panel Board, 15th Floor
4550-PNL0007	Panel Board, 10th Floor, Pump Room
4550-PNL0008	Panel Board, 10th Floor, Pump Room
4550-PNL0009	Panel Board, 10th Floor, Pump Room
4550-PNL0010	Panel Board, 6th Floor
4550-PNL0011	Panel Board, 6th Floor
4550-PNL0012	Panel Board, 6th Floor
4550-PNL0013	Panel Board, 6th Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4550-PNL0014	Panel Board, 4th Floor, TMP Room
4550-PNL0015	Panel Board, 3rd Floor
4550-PNL0016	Panel Board, 3rd Floor
4550-PNL0017	Panel Board, 2nd Floor, Shop
4550-PNL0018	Panel Board, Ground Floor
4550-PNL0019	Panel Board, North Outside
4550-PNL0020	Panel Board, 11th Floor
4550-PNL0021	Panel Board, Level 1, W. Area
4550-PNL0022	Panel Board, Level 10, Sw. Area
4550-PNL0023	Panel Board, Level1, E. Room
4550-PNL0024	Panel Board, Level 1, E. Room
4550-PNL0025	Panel Board, Level 1, W. Room
4550-PNL0026	Panel Board, Level 1, W. Room
4550-PNL0027	Panel Board, Level 1, Control Room
4550-PNL0028	Panel Board, Level 1, Outer Rm. Nw.
4550-ROOF0001	Roof, Main, Bldg 4550
4550-ROOF0002	Roof, Bldg 4550
4550-ROOF0003	Roof, Bldg 4550
4550-ROOF0004	Roof, Bldg 4550
4550-ROOF0005	Roof, Bldg 4550
4550-ROOF0006	Roof, Bldg 4550
4550-ROOF0007	Roof, Bldg 4550
4550-ROOF0008	Roof, Bldg 4550
4550-ROOF0009	Roof, Bldg 4550
4550-ROOF0010	Roof, Bldg 4550
4550-SS0001	Safety Switch, Level 1, S. Outside
4550-SS0002	Safety Switch, Level 1, E. Room
4550-SS0003	Safety Switch, Level 1, E. Room
4550-SS0004	Safety Switch, Level 1, E. Room
4550-SS0005	Safety Switch, Level 1, E. Room
4550-SS0006	Safety Switch, Level 1, E. Room
4550-SS0007	Safety Switch, Level 1, Sw. Area
4550-SS0008	Safety Switch, Level 1, W. Area
4550-SS0009	Safety Switch, Level 2, Room 201
4550-SS0010	Safety Switch, Level 3, Sw. Area
4550-SS0011	Safety Switch, Level 3, Sw. Area
4550-SS0012	Safety Switch, Level 4,Tmp Room
4550-SS0013	Safety Switch, Level 4,Tmp Room
4550-SS0014	Safety Switch, Level 13, Tmp Room
4550-SS0015	Safety Switch, Level 13, Tmp Room
4550-SS0016	Safety Switch, Level 15, Se. Area
4550-SS0017	Safety Switch, Level 15, Se. Area
4550-SS0018	Safety Switch, Level 15, E. Area
4550-SS0019	Safety Switch, Roof, Evator Room
4550-SS0020	Safety Switch, Level 1, Outside Rm. Nw.
4550-SS0021	Safety Switch, Level 1, Outside Rm. Nw.
4550-SS0022	Safety Switch, Level 1, Outside Rm., Outside W.
4550-SS0023	Safety Switch, Outside Rm. Nw, Outside S.
4550-SS0024	Safety Switch, Level 7, Tmp Room
4550-SS0025	Safety Switch, Level 7, Tmp Room
4550-SS0026	Safety Switch, Level 10, Tmp Room
4550-SS0027	Safety Switch, Level 10, Tmp Room
4550-SS0028	Safety Switch, Level 7,Tmp Room

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4550-STRT0001	Starter, Level 1, E. Room
4550-STRT0002	Starter, Level 1, E. Room
4550-STRT0003	Starter, Level 1, Ne. Room
4550-STRT0004	Starter, Roof, Elevator Room
4550-STRT0005	Starter, Tugger Room
4550-STRT0006	Starter, Tugger Room
4550-STRT0007	Starter, Outside Room Nw.
4550-STRT0008	Starter, Outside Room Nw.
4550-STRT0009	Starter, Level 7, E. Room
4550-UH0001	Unit Heater, First Floor
4550-UH0002	Unit Heater, 10TH Floor
4550-UH0003	Unit Heater, 10TH Floor
4550-UH0004	Unit Heater, Room 201
4550-UH0005	Unit Heater, Room 201A
4550-UH0006	Unit Heater, 15TH Floor
4550-XFMR0001	Transformer, Ground Floor, Catch Room
4550-XFMR0002	Transformer, 15th Floor
4550-XFMR0003	Transformer, 15th Floor
4550-XFMR0004	Transformer, 15th Floor
4550-XFMR0005	Transformer, 10th Floor, Pump Room
4550-XFMR0006	Transformer, 3rd Floor
4550-XFMR0007	Transformer, Level 6, Sw. Area
4550-XFMR0008	Transformer, Level1, E. Room
4550-XFMR0009	Transformer, Level 1, Se. Room
4550-XFMR0010	Transformer, Roof, Elevator Room
4550-XFMR0011	Transformer, Level 10, Tmp Room
4550-XFMR0012	Transformer, Level 1, Outer Rm. Nw.
4551-ACMP0001	Air Compressor Control, Basement, Rm 100 - Disconnect room 100
4551-ATS0001	Transfer Switch, E-01
4551-BATB0001	Battery Bank, SW Outside
4551-CBP0001	Circuit Breaker Panel, E-01
4551-CBP0002	Circuit Breaker Panel, E-01
4551-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4551-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4551-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4551-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4551-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4551-FAS0001	Fire Alarm System, Rm 200
4551-GEN0001	Generator Emergency, E-01
4551-GENP0001	Generator Portable, E-01
4551-GENP0002	Generator Portable, E-01
4551-HWHD0001	Hot Water Heater Domestic, Rm 203 - Toilet - Disconnect at heater
4551-LC0001	Lighting Contactor, E-01
4551-LC0002	Lighting Contactor, E-01
4551-LTS0001	Emergency Lighting - Dry Cell, Basement, Rm 100
4551-ODT0001	Oxygen Detection System, Basement, Rm 100
4551-PNL0001	Panel Board, Rm 200
4551-PNL0002	Panel Board, Rm 200
4551-PNL0003	Panel Board, Rm 202/Rm E1
4551-PNL0004	Panel Board, Rm 202/Rm E1
4551-PNL0005	Panel Board, Rm 202/Rm E1
4551-PNL0006	Panel Board, Rm 202/Rm E1
4551-PNL0007	Panel Board, Rm 202/Rm E1

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4551-PNL0008	Panel Board, Rm 202/Rm E1
4551-PNL0009	Panel Board, Rm 201
4551-PNL0010	Panel Board, Rm 201
4551-PNL0011	Panel Board, Rm 200
4551-PNL0012	Panel Board, Rm E01
4551-PNL0013	Panel Board, Outside North at Substation
4551-PWRS0001	Power Supply, E-01
4551-ROOF0001	Roof, Main, Bldg 4551
4551-ROOF0002	Roof, Bldg 4551
4551-ROOF0003	Roof, Bldg 4551
4551-SPMP001	Sump Pump, Basement, Rm 100 - Disconnect at pump
4551-SS0001	Safety Switch, Room 200
4551-SS0002	Safety Switch, E-01
4551-SS0003	Safety Switch, Room 201
4551-SS0004	Safety Switch, Room 201
4551-SS0005	Safety Switch, Room 201
4551-SS0006	Safety Switch, Room 201
4551-SS0012	Safety Switch, Bathroom
4551-SS0013	Safety Switch, Sw Corner, Outside
4551-SS0014	Safety Switch, Sw Corner, Outside
4551-SS0015	Safety Switch, Sw Corner, Outside
4551-SS0016	Safety Switch, Sw Corner, Outside
4551-STRT0003	Starter, Basement
4551-SUB0001	Substation, North Side
4551-SUB0002	Substation, North Side
4551-XFMR0001	Transformer, E-01
4551-XFMR0002	Transformer, E-01
4552-CBX0001	Control Box, Outside South
4552-SS0001	Safety Switch, Outside South
4553-ACMP0001	Air Compressor Control, Rm 104
4553-ADRY0001	Air Dryer, Rm 104
4553-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
4553-BATB0002	Battery Bank, Rm 104
4553-CBP0001	Circuit Breaker Panel, Room 102
4553-CBP0002	Circuit Breaker Panel, Room 102
4553-CBP0003	Circuit Breaker Panel, Room 102
4553-CHLR0001	Water Chiller, RM 104
4553-COIL001A	Chilled Water Coil, AH0001, Rm E-1
4553-COIL001B	Hot Water/Steam Coil, AH0001, Rm E-1
4553-CONT0002	Contactor, Room 101
4553-FAS0001	Fire Alarm System, Rm 100B
4553-HDT0001	Hydrogen Detection System, Outside Rm 101
4553-HWHD0001	Hot Water Heater - Domestic, Rm 106 - Disconnect at heater
4553-LTS0001	Emergency Lighting - Dry Cell, Rm 104
4553-LTS0002	Emergency Lighting - Dry Cell, Rm 101
4553-LTS0003	Emergency Lighting - Dry Cell, Rm 201
4553-LTS0004	Emergency Lighting - Dry Cell, Rm 201
4553-LTS0005	Emergency Lighting - Dry Cell, Near Rm 200
4553-LTS0006	Emergency Lighting - Aviation Lights - REMOVED
4553-MCC0001	Motor Control Center, Rm 104
4553-MTS0001	Manual Transfer Switch, Rm 104
4553-ODT0001	Oxygen Detection System, Outside Rm 101
4553-PNL0001	Panel Board, Outside Rm 101

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4553-PNL0002	Panel Board, Outside Rm 101
4553-PNL0003	Panel Board, Outside Rm 101
4553-PNL0004	Panel Board, Outside Rm 101
4553-PNL0005	Panel Board, Outside Rm 101
4553-PNL0006	Panel Board, Rm 101
4553-PNL0007	Panel Board, Rm 104
4553-PNL0008	Panel Board, Rm 104
4553-PNL0009	Panel Board, Rm 105
4553-PNL0010	Panel Board, Rm 301
4553-PNL0011	Panel Board, Rm 102
4553-ROOF0001	Roof, Main, Bldg 4553
4553-ROOF0002	Roof, Main, Bldg 4553
4553-SHEW0001	Safety Shower and Eyewash, East Side, REMOVED 2/4/05
4553-SHEW0002	Safety Shower and Eyewash, West Side, REMOVED 6/13/05
4553-SS0002	Safety Switch, Room 101
4553-SS0003	Safety Switch, Room 106
4553-SS0004	Safety Switch, Room 102
4553-SS0005	Safety Switch, Room 102
4553-SS0006	Safety Switch, Room 102
4553-SS0007	Safety Switch, Room 105
4553-SS0008	Safety Switch, Room 105
4553-SS0009	Safety Switch, Room 105
4553-SS0010	Safety Switch, Room 105
4553-SS0011	Safety Switch, Room 105
4553-SS0012	Safety Switch, Room 201
4553-SS0013	Safety Switch, Room 301
4553-TMR0001	Timer, Room 101
4553-UPS0001	UPS Power System, Rm 102
4553-XFMR0001	Transformer, Room 102
4554-ACMP0001	Air Compressor Control, Rm 106 - Disconnect room 106
4554-ACMP0002	Air Compressor Control, Rm 106 - Disconnect room 106
4554-BATB0001	Battery Bank, Rm 106
4554-BATB0002	Battery Bank, North Outside
4554-CBP0001	Circuit Breaker Panel, Room 102
4554-CBP0002	Circuit Breaker Panel, W. Outside
4554-CBP0003	Circuit Breaker Panel, W. Outside
4554-CBP0004	Circuit Breaker Panel, W. Outside
4554-CNDP0001	Condensate Pump, NE Inside - Disconnect at pump
4554-CNDP0002	Condensate Pump, East Inside - Disconnect at pump
4554-CONT0001	Contact, Room 106
4554-CONT0002	Contact, Room 106
4554-DOOR0001	Roll-Up Door Electric, Rm 106
4554-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4554-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4554-DXAC0002	Direct Expansion AC Unit, East Side - Disconnect at unit
4554-DXAC0002	Direct Expansion AC Unit, East Side - Disconnect at unit
4554-DXAC0003	Direct Expansion AC Unit, Basement - Disconnect at unit
4554-DXAC0003	Direct Expansion AC Unit, Basement - Disconnect at unit
4554-EAF0001	Exhaust Blower Fan, Attic - Disconnect at fan motor
4554-FAS0001	Fire Alarm System, Rm 109/Rm E01
4554-HST0001	1/2-Ton Electric Hoist, Rm 106 - Disconnect at NORTH WALL EAST SIDE
4554-HST0002	325 Lb. Electric Hoist, Rm 106 - Disconnect at WEST WALL
4554-HV0001	Heating Vent Unit, Attic

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4554-HWHD0001	Hot Water Heater Domestic, Rm 103 - Disconnect at heater
4554-HWHD0002	Hot Water Heater Domestic, East Inside - Disconnect at heater
4554-ICE0001	Ice Machine, Rm 102 - Disconnect at machine
4554-LTS0001	Emergency Lighting - Dry Cell, Basement
4554-MCC0001	Motor Control Center, Rm 109/Rm E01
4554-MTS0001	Manual Transfer Switch, Rm 106
4554-ODT0001	Oxygen Detection System, Rm 109/Rm E01
4554-ODT0002	Oxygen Detection System, Trailer
4554-PNL0001	Panel Board, Rm 109/Rm E01
4554-PNL0002	Panel Board, Rm 109/Rm E01
4554-PNL0003	Panel Board, Rm 109/Rm E01
4554-PNL0004	Panel Board, Rm 109/Rm E01
4554-PNL0005	Panel Board, Rm 109/Rm E01
4554-PNL0006	Panel Board, Basement
4554-PNL0007	Panel Board, Rm 110/Rm E02
4554-PNL0008	Panel Board, Rm 110/Rm E02
4554-PNL0009	Panel Board, Rm 110/Rm E02
4554-PNL0010	Panel Board, Outside South
4554-PNL0011	Panel Board, Outside South
4554-PNL0012	Panel Board, Outside South
4554-PNL0013	Panel Board, Outside South
4554-PNL0014	Panel Board, Rm 109/Rm E01
4554-ROOF0001	Roof, Main, Bldg 4554
4554-ROOF0002	Roof, Bldg 4554
4554-ROOF0003	Roof, Bldg 4554
4554-ROOF0004	Roof, Bldg 4554
4554-SPMP002	Sump Pump, Basement - Disconnect at pump
4554-SS0001	Safety Switch, Room 106
4554-SS0002	Safety Switch, Room 106
4554-SS0003	Safety Switch, Room 106
4554-SS0004	Safety Switch, Room 106
4554-SS0005	Safety Switch, Room 106
4554-SS0006	Safety Switch, Room 106
4554-SS0007	Safety Switch, Room 106
4554-SS0008	Safety Switch, Room 106
4554-SS0009	Safety Switch, Room 106
4554-SS0010	Safety Switch, Room 106
4554-SS0011	Safety Switch, Room 106
4554-SS0012	Safety Switch, Room 102
4554-SS0013	Safety Switch, Room 102
4554-SS0014	Safety Switch, Room 102
4554-SS0015	Safety Switch, Room 102
4554-SS0016	Safety Switch, Room 102
4554-SS0017	Safety Switch, Equipment Room
4554-SS0018	Safety Switch, N. Outside
4554-SS0019	Safety Switch, N. Outside
4554-SS0020	Safety Switch, E. Outside
4554-SS0021	Safety Switch, S. Outside
4554-SS0022	Safety Switch, S. Outside
4554-SS0023	Safety Switch, S. Outside
4554-SS0024	Safety Switch, S. Outside
4554-SSS0001	Starter Safety Switch, S. Outside
4554-STRT0001	Starter, Room 106

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4554-STRT0002	Starter, Room 106
4554-STRT0003	Starter, Room 106
4554-STRT0004	Starter, Room 102
4554-STRT0005	Starter, Room 102
4554-STRT0006	Starter, Room 102
4554-SUB0001	Substation, Outside West
4554-TMR0001	Timer, Room 102
4554-TMR0002	Timer, S. Outside
4554-UH0001	Unit Heater Steam, Rm 106
4554-UH0002	Unit Heater Steam, Rm 106
4554-UH0003	Unit Heater Steam, Rm 106
4554-UPS0001	UPS Power System, Rm 106
4555-CRN0001	30-Ton Bridge Crane, Rm. 102
4555-DOOR0001	Automatic Roll-Up Door, Northeast Corner Rm. 102
4555-DOOR0002	Automatic Roll-Up Door, North Wall Rm. 102
4555-DXAC0001	Direct Expansion AC Unit, Overhead Rm. 106
4555-DXAC0002	Direct Expansion AC Unit, Overhead Rm. 101
4555-FAS0001	Fire Alarm System, East Entrance
4555-HWHD0001	Hot Water Heater Domestic, Rm 104
4555-HWHD0002	Hot Water Heater Domestic, Rm 103
4555-ODT0001	Oxygen Detection System, Rm 101
4555-ODT0002	Oxygen Detection System, Rm 106
4555-ROOF0001	Roof, Bdg 4555
4555-SPR0001	Stand Pipe, Rm 102
4555-UH0001	Unit Heater, Steam, Rm 102
4555-UH0002	Unit Heater, Steam, Rm 102
4555-UH0003	Unit Heater, Steam, Rm 102
4555-UH0004	Unit Heater, Steam, Rm 107
4558-CBP0001	Circuit Breaker Panel, Rm E1
4558-CBP0002	Circuit Breaker Panel, Rm E1
4558-CBP0003	Circuit Breaker Panel, Rm E1
4558-CBS0001	Circuit Breaker Starter, Outside East
4558-CBX0001	Control Box, Rm 1 West
4558-CONT0001	Contactor, Rm 1 West
4558-CONT0002	Contactor, Rm 1 West
4558-DXAC0001	Direct Expansion AC Unit, Rm 102 - Disconnect at unit
4558-DXAC0001	Direct Expansion AC Unit, Rm 102 - Disconnect at unit
4558-EAF0001	Exhaust Blower Fan, East Side, Metal Building - Disconnect at fan motor
4558-FAS0001	Fire Alarm System, Rm E1
4558-PMP0001	Water Pump, Rm 102 - Disconnect at pump
4558-PNL0001	Panel Board, Rm 1 West
4558-PNL0011	Panel Board, Rm 1 West
4558-PNL0012	Panel Board, Rm E1
4558-PNL0023	Panel Board, Rm E1
4558-PNL0024	Panel Board, Rm 1 West
4558-REC0001	Rectifier, Rm 102
4558-RECT0001	Rectifier, Rm E1
4558-ROOF0001	Roof, Main, Bldg 4558
4558-ROOF0002	Roof, Bldg 4558
4558-SS0001	Safety Switch, Rm E1
4558-SS0002	Safety Switch, Rm E1
4558-STRT0001	Starter, Rm 1 West
4558-STRT0002	Starter, Rm 1 West

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4558-STRT0003	Starter, Rm 1 West
4558-STRT0004	Starter, Rm 1
4558-STRT0005	Starter, Rm 1
4558-STRT0006	Starter, Rm E1
4558-STRT0007	Starter, Rm E1
4558-STRT0008	Starter, Rm E1
4558-STRT0009	Starter, Rm E1 (2)
4558-TMR0001	Timer, Rm 1 West
4558-XFMR0001	Transformer, Rm E1
4558-XFMR0002	Transformer, Rm E1
4558-XFMR0003	Transformer, Rm E1
4559-ACMP0001	Portable Air Compressor, North Outside - Disconnect on unit
4559-DXAC0001	Package Heat Pump Unit, Outside Building
4559-PNL0001	Panel Board, East Wall
4559-PNL0002	Panel Board, East Wall
4559-ROOF0001	Roof, Main, Bldg 4559
4559-SS0001	Safety Switch, West Wall
4559-SS0002	Safety Switch, West Wall
4559-SS0003	Safety Switch, North Wall
4559-SS0004	Safety Switch, North Wall
4559-STRT0001	Starter, West Wall
4559-STRT0002	Starter, West Wall
4559-STRT0003	Starter, West Wall
4559-XFMR0001	Transformer, East Wall
4559-XFMR0002	Transformer, South Wall
4560-PNL0001	Panel Board, Inside
4561-ACMP0001	Air Compressor Control, Rm 104 - Disconnect room 104
4561-ACMP0002	Air Compressor Control, Rm 104 - Disconnect room 104
4561-ACMP001	Air Compressor Control, E-01
4561-ADRY0001	Air Dryer, Rm 104 - Disconnect at dryer
4561-AH0001	Air Handling Unit, Rm 120 - Disconnect on unit
4561-AH0002	Air Handling Unit, Rm 126A/Rm E02 - Disconnect room E2
4561-AH0002	Air Handling Unit, Rm 126A/Rm E02 - Disconnect room E2
4561-AH0003	Air Handling Unit, Rm 120 - Disconnect on unit
4561-AH0004	Air Handling Unit, Rm 104/Rm E1 - Disconnect room E1
4561-BATB0001	Battery Bank, Rm 101
4561-BATB0002	Battery Bank, West Outside
4561-BATB0003	Battery Bank, West Outside
4561-BFP0001	Back Flow Preventer - Chilled Water, Rm 104/Rm E1
4561-BFP0002	Back Flow Preventer - Hot Water, Rm 104/Rm E1
4561-CBP0001	Circuit Breaker Panel, Room 126
4561-CBP0002	Circuit Breaker Panel, Hall At Room 114
4561-CBP0003	Circuit Breaker Panel, Room 101
4561-CBS0001	Circuit Breaker Starter, Room 120
4561-CBS0002	Circuit Breaker Starter, Room 126A, E-02
4561-CHLR0001	Water Chiller, Rm 104
4561-CHWP0001	Chill Water Pump, Rm 104 - Disconnect at pump
4561-CHWP0002	Chill Water Pump, Rm 104 - Disconnect at pump
4561-CNDP0001	Condensate Pump, Rm 104 - Disconnect at pump
4561-CNDP0002	Condensate Pump, Rm 104 - Disconnect at pump
4561-COIL001A	Chilled Water Coil, AH0001, Rm 120
4561-COIL001B	Hot Water/Steam Coil, AH0001, Rm 120
4561-COIL002A	Chilled Water Coil, AH0001, Rm 126A/E-2

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4561-COIL002B	Hot Water/Steam Coil, AH0001, Rm 126A/E-2
4561-COIL003A	Chilled Water Coil, AH0001, Rm 120
4561-COIL003B	Hot Water/Steam Coil, AH0001, Rm 120
4561-COIL004A	Chilled Water Coil, AH0001, Rm 104/E-1
4561-COIL004B	Hot Water/Steam Coil, AH0001, Rm 104/E-1
4561-CONT0001	Contact, Room A103
4561-CONT0002	Contact, Room A103
4561-CRN0001	10-Ton Bridge Crane, Rm 120 - Disconnect at N.WALL(NOT ACCESSIBLE)
4561-CTWR0001	Cooling Tower, NE Outside - Disconnect on NE side
4561-CTWR0001	Cooling Tower, NE Outside - Disconnect on NE side
4561-CWP0001	Condenser Water Pump, Rm 104 - Disconnect at pump
4561-CWP0002	Condenser Water Pump, Rm 104 - Disconnect at pump
4561-DOOR0001	Automatic Roll-Up Door, South Side #7 - Disconnect room E2
4561-DOOR0002	Automatic Roll-Up Door, South Side - Disconnect at door
4561-DOOR0005	Automatic Roll-Up Door, South Side - Disconnect at door -
4561-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4561-EAF0002	Exhaust Blower Fan, Roof - Disconnect at fan motor
4561-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4561-FAS0001	Fire Alarm System, NW Corner
4561-FID0001	Field Interface Device, Rm 104
4561-HST0001	1&1/2-Ton Cable Hoist, 2nd Floor, Outside East End - Disconnect at N.SIDE ENTRANCE DOOR
4561-HST0002	1/4-Ton Chain Hoist, Rm 126
4561-HST0003	2-Ton Electric Hoist, Rm 126 - Disconnect at WEST WALL
4561-HST0004	3-Ton Heavy Lift Hoist, Rm 120 - Disconnect at WEST WALL
4561-HWHD0001	Hot Water Heater - Domestic, Rm 114 - Disconnect at heater
4561-HWHD0002	Hot Water Heater - Domestic, Rm A102 - Disconnect at heater
4561-HWP0001	Hot Water Pump, Rm 104 - Disconnect at pump
4561-LTS0001	Emergency Lighting - Rm 122
4561-LTS0002	Emergency Lighting - Dry Cell, High Bay, N. Wall,
4561-LTS0003	Emergency Lighting - Dry Cell, High Bay S. Wall, Rm 120
4561-LTS0004	Emergency Lighting - Dry Cell, High Bay, E. Wall, Rm 120
4561-LTS0005	Emergency Lighting - Dry Cell, Hallway E. Door
4561-LTS0006	Emergency Lighting - Dry Cell, Room 103
4561-LTS0007	Emergency Lighting - Dry Cell, Rm 103E
4561-LTS0008	Emergency Lighting - Dry Cell, Hall near Rm 206
4561-LTS0009	Emergency Lighting - Dry Cell, Rm 229
4561-LTS0010	Emergency Lighting - 2nd Floor Hall Near Rm 214
4561-LTS0011	Emergency Lighting - Hall Outside Rm. 102
4561-LTS0012	Emergency Lighting - Basement Stairwell West
4561-LTS0013	Emergency Lighting - Basement
4561-LTS0014	Emergency Lighting - Basement East Door
4561-LTS0015	Emergency Lighting - Basement Stairwell East
4561-LTS0016	Emergency Lighting - 2nd Floor Stairwell East
4561-LTS0017	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0018	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0019	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0020	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0021	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0022	Emergency Lighting (Dry Cell)- Tunnel between 4561 and 4583
4561-LTS0023	Emergency Lighting (Flourescent)- Stairwell to Third Floor (between second and third floor)
4561-LTS0024	Emergency Lighting - Flourescent - Rm 301 at stairs
4561-LTS0025	Emergency Lighting - Flourescent - Rm 301 (W End)
4561-LTS0026	Emergency Lighting - Flourescent - Rm 301 (E End)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4561-MCC0001	Motor Control Center, Rm 104
4561-MTS0001	Manual Transfer Switch, Rm 101
4561-ODT0001	Oxygen Detection System, Rm 101
4561-PNL0001	Panel Board, Rm 104
4561-PNL0002	Panel Board, Rm 104
4561-PNL0003	Panel Board, Rm 120
4561-PNL0004	Panel Board, Rm 120
4561-PNL0005	Panel Board, Rm 120
4561-PNL0006	Panel Board, Rm 301
4561-PNL0007	Panel Board, Hall at Rm 204
4561-PNL0008	Panel Board, Hallway at Rm 204
4561-PNL0009	Panel Board, Rm 120
4561-PNL0010	Panel Board, Hallway Outside Rm 103
4561-PNL0011	Panel Board, Hallway Outside Rm 103
4561-PNL0012	Panel Board, Rm 120
4561-PNL0013	Panel Board, Rm 126A/Rm E02
4561-PNL0014	Panel Board, Rm 126A/Rm E02
4561-PNL0015	Panel Board, Rm 126A/Rm E02
4561-PNL0016	Panel Board, Rm 126
4561-PNL0017	Panel Board, Rm 126
4561-PNL0018	Panel Board, Rm 101
4561-PNL0019	Panel Board, Basement
4561-PNL0020	Panel Board, Basement
4561-PNL0021	Panel Board, Rm 101
4561-PNL0022	Panel Board, Rm 101
4561-PNL0023	Panel Board, Rm 101
4561-PNL0024	Panel Board, Rm 101
4561-PNL0025	Panel Board, Rm 222A
4561-PNL0026	Panel Board, Rm 101
4561-PNL0027	Panel Board, Rm 301
4561-PNL0028	Panel Board, Rm 122
4561-PNL0029	Panel Board, Rm 102
4561-PNL0030	Panel Board, 4561A Room 6
4561-PNL0031	Panel Board, 4561A Room 3
4561-ROOF0001	Roof, Main, Bldg 4561
4561-ROOF0002	Roof, Bldg 4561
4561-ROOF0003	Roof, Bldg 4561
4561-ROOF0004	Roof, Bldg 4561
4561-ROOF0005	Roof, Bldg 4561
4561-SAF0001	Supply Air Fan, Rm 101 - Disconnect at fan unit
4561-SAF0002	Supply Air Fan, Rm 104 - Disconnect at fan unit
4561-SHEW0001	Safety Shower and Eyewash, West Side Entrance
4561-SS0001	Safety Switch, Room A101
4561-SS0002	Safety Switch, Room A204
4561-SS0003	Safety Switch, Room 126
4561-SS0004	Safety Switch, Room 126
4561-SS0005	Safety Switch, Room 126
4561-SS0006	Safety Switch, Rm 111
4561-SS0007	Safety Switch, Rm 120
4561-SS0008	Safety Switch, Rm 120
4561-SS0009	Safety Switch, Room 120
4561-SS0010	Safety Switch, Room 120
4561-SS0011	Safety Switch, Room 120

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4561-SS0012	Safety Switch, Room 120
4561-SS0013	Safety Switch, Room 120
4561-SS0014	Safety Switch, Room 120
4561-SS0015	Safety Switch, Room 120
4561-SS0016	Safety Switch, Room 120
4561-SS0017	Safety Switch, Room 120
4561-SS0018	Safety Switch, Room 120
4561-SS0019	Safety Switch, Room 111
4561-SS0020	Safety Switch, Room 110
4561-SS0020A	Safety Switch, Room 219
4561-SS0021	Safety Switch, East Basement
4561-SS0022	Safety Switch, Room 120
4561-SS0023	Safety Switch, Room 126A, E-02
4561-SS0024	Safety Switch, Room 126A, E-02
4561-SS0025	Safety Switch, Outside East
4561-SS0026	Safety Switch, Outside East
4561-SS0027	Safety Switch, Outside East
4561-SS0028	Safety Switch, Outside, E. Coolong Twr.
4561-SS0029	Safety Switch, Outside, E. Cooling Twr.
4561-SS0030	Safety Switch, Outside, E. Cooling Twr.
4561-SS0031	Safety Switch, Room 101
4561-SS0032	Safety Switch, Room 101
4561-SS0033	Safety Switch, Room 101
4561-SS0034	Safety Switch, Room 101
4561-SS0035	Safety Switch, Room 104, E-01
4561-SS0036	Safety Switch, Room 104, E-01
4561-STRT0001	Starter, Room A103
4561-STRT0002	Starter, Room 120
4561-STRT0003	Starter, Room 120
4561-STRT0004	Starter, Room 120
4561-STRT0005	Starter, Room 120
4561-STRT0006	Starter, Room 101
4561-STRT0007	Starter, Room 101
4561-SUB0001	Substation, West Outside
4561-UPS0001	UPS Power System, Rm 101
4561-UPS0002	UPS Power System, Rm 219
4561-XFMR0001	Transformer, Rm 120
4561-XFMR0002	Transformer, Rm 104
4561-XFMR0003	Transformer, Rm 101
4561-XFMR0004	Transformer, Room 126
4561-XFMR0006	Transformer, Room 101
4562-CBX0001	Control Box, Outside West
4562-SS0001	Safety Switch, Outside West
4563-DOOR0001	Roll-Up Door, Rm 100 N Wall
4563-DXAC0001	Direct Expansion AC Unit, Rm 100 East Wall - Disconnect at unit
4563-DXAC0001	Direct Expansion AC Unit, Rm 100 East Wall - Disconnect at unit
4563-DXAC0002	Direct Expansion AC Unit, Rm 100 West Wall - Disconnect at unit
4563-DXAC0002	Direct Expansion AC Unit, Rm 100 West Wall - Disconnect at unit
4563-EW0001	Safety Eyewash, Air Powered, Rm 100
4563-FAS0001	Fire Alarm System, Rm 100 N Wall
4563-LP0001	Lighting Panel, Rm 100 East Wall
4563-LTS0001	Emer Lighting - Fluor, Rm 100 Over N Entrance
4563-LTS0002	Emer Lighting - Fluor, Rm 100 Over W Entrance

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4563-LTS0003	Emer Lighting - Fluor, Rm 100 Over S Entrance
4563-LTS0004	Emer Lighting - Fluor, Rm 100 Center
4563-LTS0005	Emer Lighting - Fluor, Rm 100
4563-LTS0006	Emer Lighting - Fluor, Rm 100
4563-ROOF0001	Roof, Main, Bldg 4563
4563-RP0001	Receptacle Panel, Rm 100 East Wall
4563-SS0001	Safety Switch, Room 100 East Wall
4563-SS0002	Safety Switch, Room 100 East Wall
4563-SS0003	Safety Switch, Room 100 East Wall
4563-SS0004	Safety Switch, Room 100 East Wall
4563-SS0005	Safety Switch, Room 100 East Wall
4563-SS0006	Safety Switch, Room 100 South Wall
4563-SS0007	Safety Switch, Room 100 South Wall
4563-SS0008	Safety Switch, Room 100 South Wall
4563-SS0009	Safety Switch, Room 100 West Wall
4563-SS0010	Safety Switch, Room 100 West Wall
4563-SS0011	Safety Switch, Room 100 West Wall
4563-SS0012	Safety Switch, Outside South
4563-SS0013	Safety Switch, Outside South
4563-XFMR0001	Transformer, Rm 100 East Wall
4564-ACMP0001	Air Compressor Control, Rm 108/Rm E01 - Disconnect room E1
4564-ACMP0002	Air Compressor Control, Rm 108/Rm E01 - Disconnect room E1
4564-ACMP0003	Air Compressor Control, Rm 108/Rm E01 - Disconnect room E1
4564-ACMP0004	Air Compressor Control, Rm 108/Rm E01 - Disconnect room E1
4564-ADRY0001	Air Dryer, Rm 108/Rm E01 - Disconnect room E1
4564-AH0001	Air Handling Unit, East Side - Disconnect on unit
4564-AH0002	Air Handling Unit, East Side - Disconnect on unit
4564-AH0003	Air Handling Unit, East Side - Disconnect on unit
4564-AH0004	Air Handling Unit, East Side - Disconnect on unit
4564-AH0005	Air Handling Unit, East Side - Disconnect on unit
4564-AH0006	Air Handling Unit, East Side - Disconnect on unit
4564-CHLR0001	Air-Cooled Chiller, NE Side - Disconnect NE side
4564-CHWP0001	Chill Water Pump, Rm 108/Rm E01 - Disconnect room E1
4564-COIL001A	Chilled Water Coil, AH0001, East Side
4564-COIL001B	Hot Water/Steam Coil, AH0001, East Side
4564-COIL002A	Chilled Water Coil, AH0002, East Side
4564-COIL002B	Hot Water/Steam Coil, AH0002, East Side
4564-COIL003A	Chilled Water Coil, AH0003, East Side
4564-COIL003B	Hot Water/Steam Coil, AH0003, East Side
4564-COIL004A	Chilled Water Coil, AH0004, East Side
4564-COIL004B	Hot Water/Steam Coil, AH0004, East Side
4564-COIL005A	Chilled Water Coil, AH0005, East Side
4564-COIL005B	Hot Water/Steam Coil, AH0005, East Side
4564-COIL006A	Chilled Water Coil, AH0006, East Side
4564-COIL006B	Hot Water/Steam Coil, AH0006, East Side
4564-FAS0001	Fire Alarm System, Rm 17
4564-LROD0001	Lightning Protection System, Roof
4564-LTS0002	Emergency Lighting - N. West Wall, Rm E-2
4564-LTS0003	Emergency Lighting - West Wall - Rm 108/Rm E01
4564-LTS0005	Emergency Lighting - Upstairs Rm E-4
4564-PMP0001	Jockey Pump, Rm 108/Rm E01 - Disconnect at pump
4564-PNL0001	Panel Board, Rm 17
4564-PNL0002	Panel Board, Rm 17

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4564-PNL0003	Panel Board, Rm 17
4564-PNL0004	Panel Board, Substation SW
4564-PNL0005	Panel Board, Substation SW
4564-ROOF0001	Roof, Main, Bldg 4564
4564-ROOF0002	Roof, Main, Bldg 4564
4564-ROOF0003	Roof, Main, Bldg 4564
4564-SPR0001	Sprinkler System, Test Cell
4564-SPR0002	Sprinkler System, Rm 108/Rm E01
4564-SS0001	Safety Switch, Room E-01
4564-SS0002	Safety Switch, Room E-01
4564-SS0003	Safety Switch, Outside, North
4564-SSS0001	Starter Safety Switch, Room E-01
4564-SSS0002	Starter Safety Switch, Room E-01
4564-SSS0003	Starter Safety Switch, Outside, East Ah-06
4564-SSS0004	Starter Safety Switch, Outside, East Ah-06
4564-SSS0005	Starter Safety Switch, Outside, East Ah-04
4564-SSS0006	Starter Safety Switch, Outside, East Ah-03
4564-SSS0007	Starter Safety Switch, Outside, East Ah-02
4564-SSS0008	Starter Safety Switch, Outside, East Ah-01
4564-STRT0001	Starter, Room E-01
4564-STRT0002	Starter, Room E-01
4564-STRT0003	Starter, Room E-01
4564-STRT0004	Starter, Mezzanine, North
4564-STRT0005	Starter, Mezzanine, North
4564-STRT0006	Starter, Mezzanine, North
4564-STRT0007	Starter, Mezzanine, North
4564-STRT0008	Starter, Lower Level, Nw
4564-UH0001	Unit Heater, 2ND Level Office
4564-UH0002	Unit Heater Elec., E-1
4566-ACMP0001	Air Compressor Control, Rm 147 - Disconnect at compressor
4566-ACMP0002	Air Compressor Control, Rm 114 - Disconnect in room 114
4566-ADRY0001	Air Dryer, Rm 114 - Disconnect at dryer
4566-AH0005	Air Handling Unit, Rm 137 - Disconnect on unit
4566-AH0006	Air Handling Unit, Rm 171/E03 - Disconnect on unit
4566-AH0007	Air Handling Unit, Rm 145 - Disconnect on unit
4566-AH0008	Air Handling Unit, Rm 147 - Disconnect on unit
4566-ATS0001	Auto Transfer Switch, Rm 128 - REMOVED FROM PM
4566-CBP0002	Circuit Breaker Panel, Room 147, E-02
4566-CHLR0001	Water Chiller, Rm 171/E03
4566-CHLR0002	Water Chiller, South Outside
4566-CHWP0001	Chill Water Pump, Rm 147, E02 - Disconnect room E2
4566-CHWP0002	Chill Water Pump, Outside Between Wings - Disconnect at pump
4566-CNDP0001	Condensate Pump, Rm 147, E02 - Disconnect in room E2
4566-CNDP0002	Condensate Pump, Rm 114 - Disconnect at pump
4566-CNDP0003	Condensate Pump, Rm 171 South - Disconnect at pump
4566-CNDP0004	Condensate Pump, Rm 171 South - Disconnect at pump
4566-COND0001	Air-Cooled Condenser, Roof
4566-DXAC0001	Direct Expansion AC Unit, Rm 114 - Disconnect at unit
4566-DXAC0001	Direct Expansion AC Unit, Rm 114 - Disconnect at unit
4566-DXAC0002	Direct Expansion AC Unit, Eastside Outside, Rm 114 - Disconnect at unit
4566-DXAC0002	Direct Expansion AC Unit, Eastside Outside, Rm 114 - Disconnect at unit
4566-DXAC0003	Direct Expansion AC Unit, Rm 104 - Disconnect at unit
4566-DXAC0003	Direct Expansion AC Unit, Rm 104 - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4566-DXAC0004	Direct Expansion AC Unit, Room 154 Above Ceiling - Disconnect at unit
4566-FAS0001	Fire Alarm System, West Entrance
4566-GEN0001	Emergency Generator, Outside Between Wings - REMOVED FROM PM
4566-HWH0001	Hot Water Heater - Steam, Rm 114 - Disconnect at heater
4566-HWHD0001	Hot Water Heater - Domestic, Rm 146 - Disconnect at heater
4566-HWHD0002	Hot Water Heater - Domestic, Rm 114 - Disconnect at heater
4566-HWP0001	Hot Water Pump, Rm 147, E02 - Disconnect room E2
4566-HWP0002	Hot Water Pump, Outside Between Wings - Disconnect at heater
4566-LTS0001	Emergency Lighting - Hall Near Room 100
4566-LTS0002	Emergency Lighting - Hall Near Room 104
4566-LTS0003	Emergency Lighting - Hall Near Front Foyer
4566-LTS0004	Emergency Lighting - Hall Near Room 116
4566-LTS0005	Emergency Lighting - Hall Near Room 137
4566-LTS0006	Emergency Lighting - Hall Near Room 108A
4566-LTS0007	Emergency Lighting - Hall Near Room 143
4566-LTS0008	Emergency Lighting - Hall Near Rm 157A
4566-LTS0009	Emergency Lighting - Room 154A near Room 156
4566-LTS0010	Emergency Lighting - Hallway at Rear Door
4566-LTS0011	Emergency Lighting - Room 106 Vault
4566-LTS0012	Emergency Lighting - Room 165 West
4566-LTS0013	Emergency Lighting - Room 165A
4566-LTS0014	Emergency Lighting - Room 165 South
4566-LTS0015	Emergency Lighting - Room 165B
4566-LTS0016	Emergency Lighting - Tunnel from 4566 to 4666, Rm 111
4566-LTS0017	Emergency Lighting - Tunnel from 4566 to 4666, Rm 111
4566-MCC0001	Motor Control Center, Rm 114
4566-MCC0002	Motor Control Center, Rm 147
4566-PMP0001	Circulating Pump, Rm 114 - Disconnect at pump
4566-PNL0001	Panel Board, Rm 171, E03
4566-PNL0002	Panel Board, Rm 114
4566-PNL0003	Panel Board, Rm 114
4566-PNL0004	Panel Board, Rm 114
4566-PNL0005	Panel Board, Rm 171, E03
4566-PNL0006	Panel Board, Rm 171, E03
4566-PNL0007	Panel Board, Rm 171, E03
4566-PNL0008	Panel Board, Rm 145
4566-PNL0009	Panel Board, Rm 147, E02
4566-PNL0010	Panel Board, Rm 147, E02
4566-PNL0011	Panel Board, Rm 147, E02
4566-PNL0012	Panel Board, Hallway Outside Rm 104
4566-PNL0013	Panel Board, Rm 104
4566-PNL0014	Panel Board, Rm 104
4566-PNL0015	Panel Board, Hallway Outside Rm 107B
4566-PNL0016	Panel Board, Rm 115
4566-PNL0017	Panel Board, Rm 126
4566-PNL0018	Panel Board, Rm 128
4566-PNL0019	Panel Board, Hallway Outside Rm 155
4566-PNL0020	Panel Board, Rm 152
4566-PNL0021	Panel Board, Rm 165
4566-PNL0022	Panel Board, Rm 165
4566-PNL0023	Panel Board, Rm 165
4566-PNL0024	Panel Board, Rm 160
4566-ROOF0001	Roof, Main, Bldg 4566

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4566-ROOF0002	Roof, Bldg 4566
4566-ROOF0003	Roof, Bldg 4566
4566-ROOF0004	Roof, Bldg 4566
4566-ROOF0005	Roof, Bldg 4566
4566-SPR0001	Sprinkler System, Rm 114
4566-SS0001	Safety Switch, Rear Door, Front Foyer
4566-SS0002	Safety Switch, Room 104
4566-SS0003	Safety Switch, Room 104
4566-SS0004	Safety Switch, Room 104
4566-SS0005	Safety Switch, Room 104
4566-SS0006	Safety Switch, Room 103
4566-SS0007	Safety Switch, Room 114, E-01
4566-SS0008	Safety Switch, Room 114, E-01
4566-SS0009	Safety Switch, Room 114, E-01
4566-SS0010	Safety Switch, Room 114, E-01
4566-SS0011	Safety Switch, Room 114, E-01
4566-SS0012	Safety Switch, Room 114, E-01
4566-SS0013	Safety Switch, Room 114, E-01
4566-SS0014	Safety Switch, Room 114, E-01
4566-SS0015	Safety Switch, Room 114, E-01
4566-SS0016	Safety Switch, Room 122
4566-SS0017	Safety Switch, Room 126
4566-SS0018	Safety Switch, Room 126
4566-SS0019	Safety Switch, Room 126
4566-SS0020	Safety Switch, Room 126
4566-SS0021	Safety Switch, Room 145
4566-SS0022	Safety Switch, Room 145
4566-SS0023	Safety Switch, Room 145
4566-SS0024	Safety Switch, S. Outside
4566-SS0025	Safety Switch, S. Outside
4566-SS0026	Safety Switch, Room 147, E-02
4566-SS0027	Safety Switch, Room 147, E-02
4566-SS0028	Safety Switch, Room 147, E-02
4566-SS0029	Safety Switch, Rm 147, E-02
4566-SS0030	Safety Switch, Room 147, E-02
4566-SS0031	Safety Switch, Room 147, E-02
4566-SS0032	Safety Switch, Room 171, E-03
4566-SS0033	Safety Switch, Room 171, E-03
4566-SS0034	Safety Switch, Room 171, E-03
4566-SS0035	Safety Switch, Room 171, E-03
4566-SS0036	Safety Switch, Room 171, E-03
4566-SS0037	Safety Switch, Room 171, E-03
4566-SS0038	Safety Switch, E. Outside
4566-SS0039	Safety Switch, Room 160
4566-SS0040	Safety Switch, Room 160
4566-SS0041	Safety Switch, Room 160
4566-SS0042	Safety Switch, Room 160
4566-SS0043	Safety Switch, Room 165
4566-SS0044	Safety Switch, Room 165
4566-SS0045	Safety Switch, Room 154
4566-SS0046	Safety Switch, Room 154
4566-SS0047	Safety Switch, Outside, East
4566-SS0048	Safety Switch, Outside, East

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4566-SS0049	Safety Switch, Outside, East
4566-SS0050	Safety Switch, Outside, East
4566-STRT0001	Starter, Room 126
4566-STRT0002	Starter, Room 171, E-03
4566-STRT0003	Starter, Room 171, E-03
4566-STRT0004	Starter, Room 171, E-03
4566-STRT0005	Starter, Room 171, E-03
4566-STRT0006	Starter, Room 171, E-03
4566-STRT0007	Starter, Room 171, E-03
4566-STRT0008	Starter, Room 171, E-03
4566-STRT0009	Starter, Room 171, E-03
4566-STRT0010	Starter, Room 171, E-03
4566-SUB0001	Substation, East Side
4566-TMR0001	Timer, Room 114, E-01
4566-TMR0003	Timer, Room 171, E-02
4566-TRP0001	Steam Trap, Rm 114/E-1 (032-00001)
4566-TRP0002	Steam Trap, Rm 114/E-1 (032-00002)
4566-TRP0003	Steam Trap, Rm 114/E-1 (032-00003)
4566-TRP0004	Steam Trap, Rm 114/E-1 (032-00004)
4566-TRP0005	Steam Trap, Steam Station by Switch Yard (032-00005)
4566-TRP0006	Steam Trap, Steam Station by Switch Yard (032-00006)
4566-TRP0007	Steam Trap, Steam Station by Switch Yard (032-00007)
4566-TRP0008	Steam Trap, By NE Entrance (032-00008)
4566-TRP0009	Steam Trap, Rm 147/E-2 (032-00009)
4566-TRP0010	Steam Trap, Rm 147/E-2 (032-00010)
4566-UH0001	Unit Heater Steam, E-1/Rm 114
4566-XFMR0001	Transformer, Rm 114
4566-XFMR0002	Transformer, Rm 114
4566-XFMR0003	Transformer, Rm 171, E03
4566-XFMR0004	Transformer, Rm 171, E03
4566-XFMR0005	Transformer, Rm 145
4566-XFMR0006	Transformer, Rm 147, E02
4566-XFMR0007	Transformer, Rm 147, E02
4566-XFMR0008	Transformer, Room 147, E-02
4566-XFMR0009	Transformer, Room 160
4566-XFMR0010	Transformer, Room 147, E-02
4567-ACMP0001	Air Compressor Control, Rm 100 - Disconnect at compressor
4567-BATB0001	Battery Bank, West End
4567-BLR0001	Steam Boiler, Rm 100 - Disconnect at boiler
4567-BLR0002	Steam Boiler, Rm 100 - Disconnect at boiler
4567-BLR0003	Steam Boiler - Disconnect at boiler
4567-BLR0004	Portable Steam Boiler, East Side
4567-CBP0001	Circuit Breaker Panel, Pump Room West
4567-CBP0002	Circuit Breaker Panel, East Pump Room
4567-CBP0003	Circuit Breaker Panel, Boiler Room North
4567-DFWT0001	De-Aerating Feed-water Tank, Rm 100
4567-DOOR0001	Roll-up Door, North Side - Disconnect at door
4567-DOOR0002	Roll-up Door, North Side - Disconnect at door
4567-DOOR0003	Roll-up Door, West Side - Disconnect at door
4567-DOOR0004	Roll-up Door, South Side - Disconnect at door
4567-DOOR0005	Roll-up Door, South Side - Disconnect at door
4567-DXAC0001	Direct Expansion AC Unit, Roof - Disconnect at unit
4567-EW0001	Safety Eyewash, Portable, Rm 100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4567-FAS0001	Fire Alarm System, Rm 100
4567-FID0001	Field Interface Device, Rm 100
4567-FWP0001	Feed Water Pump, Rm 106, E. Wall - Disconnect at electrical panel
4567-FWP0002	Feed Water Pump, Rm 106, E. Wall, Middle
4567-FWP0003	Feed Water Pump, Rm 106, E. Wall, North
4567-HWHD0001	Hot Water Heater Domestic, Rm 100 - Disconnect at heater
4567-MCC0001	Motor Control Center, Rm 100
4567-MCC0002	Motor Control Center, Rm E01
4567-PMP0001	Industrial Water Pump (PP&C), Rm 101 - Disconnect at panel
4567-PMP0002	Industrial Water Pump (PP&C), Rm 101 - Disconnect at panel
4567-PMP0003	Industrial Water Pump (PP&C), Rm 101
4567-PMP0004	Industrial Water Pump (PP&C), Rm 101
4567-PMP0005	Industrial Water Pump (PP&C), Rm 102
4567-PMP0006	Industrial Water Pump (PP&C), Rm 101
4567-PMP0007	Industrial Water Pump (PP&C), Rm 101
4567-PMP0008	Industrial Water Pump (PP&C), Rm 104
4567-PMP0009	Industrial Water Pump (PP&C), Rm 105
4567-PMP0010	Industrial Water Pump (PP&C), Rm 105
4567-PMP0011	Industrial Water Pump (PP&C), Rm 105
4567-PMP0012	Diesel Fuel Pump (PP&C), Rm 101
4567-PMP0013	Diesel Fuel Pump (PP&C), Rm 101
4567-PNL0001	Panel Board, Rm 100
4567-PNL0002	Panel Board, Rm 106
4567-PNL0003	Panel Board, Rm 102
4567-PNL0004	Panel Board, Rm 104
4567-PNL0005	Panel Board, Rm 102
4567-PNL0006	Panel Board, Rm E01
4567-PNL0007	Panel Board, Rm E01
4567-PNL0008	Panel Board, Rm E01
4567-ROOF0001	Roof, Main, Bldg 4567
4567-ROOF0002	Roof, Bldg 4567
4567-SHEW0001	Safety Shower and Eyewash, Rm 101
4567-SHEW0002	Safety Shower and Eyewash, N. of Bldg, fuel Tank
4567-SHEW0003	Safety Shower and Eyewash, NW Outside of Bldg
4567-SHEW0004	Safety Shower and Eyewash, SE Outside of Bldg
4567-SPMP001	Sump Pump, West Inside - Disconnect at pump
4567-SPMP002	Sump Pump, SE End Inside - Disconnect at pump
4567-SS0001	Safety Switch, East Pump Room
4567-SS0002	Safety Switch, East Pump Room
4567-SS0003	Safety Switch, East Pump Room
4567-SS0004	Safety Switch, East Pump Room
4567-SS0005	Safety Switch, Boiler Room South
4567-SS0006	Safety Switch, Boiler Room South
4567-SS0007	Safety Switch, Boiler Room South
4567-SS0008	Safety Switch, Boiler Room South
4567-SS0009	Safety Switch, Boiler Room South
4567-SS0010	Safety Switch, Boiler Room 100
4567-SS0011	Safety Switch, Boiler Room 100
4567-SS0012	Safety Switch, Boiler Room North
4567-STRT0001	Starter, Center Pump Room
4567-STRT0002	Starter, Center Pump Room
4567-STRT0003	Starter, Center Pump Room
4567-STRT0004	Starter, Center Pump Room

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4567-STRT0005	Starter, South Pump Room
4567-STRT0006	Starter, South Pump Room
4567-STRT0007	Starter, South Pump Room
4567-STRT0008	Starter, South Pump Room
4567-STRT0009	Starter, South Pump Room
4567-STRT0010	Starter, South Pump Room
4567-STRT0011	Starter, South Pump Room
4567-STRT0012	Starter, South Pump Room
4567-STRT0013	Starter, South Boiler Room
4567-STRT0014	Starter, South Boiler Room
4567-STRT0015	Starter, North Boiler Room
4567-STRT0016	Starter, North Boiler Room
4567-STRT0017	Starter, North Boiler Room
4567-SWBD0001	Switch Board, Rm E01
4567-TANK0001	Diesel Storage Tank
4567-UH0001	Unit Heater, Rm 105
4567-UH0002	Unit Heater, Rm 101
4567-UH0003	Unit Heater, Rm 104
4567-UH0004	Unit Heater, Rm 104
4567-WSFT0001	Water Softener, Manual
4567-WSFT0002	Water Softener
4567-XFMR0001	Transformer, Rm 106
4567-XFMR0002	Transformer, Rm 100
4567-XFMR0003	Transformer, Rm E01, Outside East
4567-XFMR0004	Transformer, Rm 104
4567-XFMR0005	Transformer, Rm 102
4570-ACMP0001	Air Compressor Control, Rm B55/Rm E01 - Disconnect room E1
4570-ADRY0001	Air Dryer, Rm B55/Rm E01 - Disconnect room E1
4570-AH0001	Air Handling Unit, Rm B55/Rm E01 - Disconnect room E1
4570-AH0002	Air Handling Unit, Rm B10 - Disconnect on unit
4570-AH0003	Air Handling Unit, Hallway Outside Rm B10 - Disconnect on unit
4570-AH0004	Air Handling Unit, NE Corner, Attic - Disconnect on unit
4570-BATB0001	Battery Bank, Rm B56
4570-BATB0002	Battery Bank, Rm B56
4570-BATB0003	Battery Bank, Rm B10
4570-BFP0001	Back Flow Preventer - Chilled Water, Rm B55/Rm E01
4570-BFP0002	Back Flow Preventer - Hot Water, Rm B55/Rm E01
4570-BFP0003	Back Flow Preventer - Hot/Chilled Water, Rm B10
4570-CBP0001	Circuit Breaker Panel, Room B55, E-01
4570-CBP0002	Circuit Breaker Panel, Room B1, E-02
4570-CBP0003	Circuit Breaker Panel, Room B56
4570-CBP0004	Circuit Breaker Panel, Room B9
4570-CBP0005	Circuit Breaker Panel, Room B1, E-02
4570-CHLR0001	Water Chiller, Rm B55/Rm E01
4570-CHLR0002	Water Chiller, Rm B10
4570-CHWP0001	Chill Water Pump, Rm B55/Rm E01 - Disconnect room E1
4570-CHWP0002	Chill Water Pump, Rm B55/Rm E01 - Disconnect room E1
4570-CHWP0003	Chill Water Pump, Rm B10 - Disconnect at pump
4570-CHWP0004	Chill Water Pump, Rm B10 - Disconnect at pump
4570-CNDP0001	Condensate Pump, Rm B55/Rm E01 - Disconnect room E1
4570-CNDP0002	Condensate Pump, Rm B10 - Disconnect at pump
4570-CNDP0003	Condensate Pump, Rm B10 - Disconnect at pump
4570-COIL001A	Chilled Water Coil, AH0001, Rm B55/E-1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4570-COIL001B	Hot Water/Steam Coil, AH0001, Rm B55/E-1
4570-COIL002A	Chilled Water Coil, AH0002, Rm B10
4570-COIL002B	Hot Water/Steam Coil, AH0002, Rm B10
4570-COIL003A	Chilled Water Coil, AH0003, Hallway Outside Rm B10
4570-COIL003B	Hot Water/Steam Coil, AH0003, Hallway Outside Rm B10
4570-COIL004A	Chilled Water Coil, AH0004, NE Corner Attic
4570-COIL004B	Hot Water/Steam Coil, AH0004, NE Corner Attic
4570-CONT0001	Contact, Room B55, E-01
4570-CONT0002	Contact, Room B56
4570-CRU0001	Computer Room Unit - Disconnect at unit
4570-CRU0001	Computer Room Unit - Disconnect at unit
4570-CTWR0001	Cooling Tower, NW Outside - Disconnect on North West side
4570-CTWR0002	Cooling Tower, East Outside - Disconnect on East side
4570-CWP0001	Condenser Water Pump, North Cooling Tower - Disconnect at pump
4570-CWP0002	Condenser Water Pump, North Cooling Tower - Disconnect at pump
4570-CWP0003	Condenser Water Pump, Rm B10 - Disconnect at pump
4570-CWP0004	Condenser Water Pump, Rm B10 - Disconnect at pump
4570-EAF0001	Exhaust Blower Fan, Rm B10 - Disconnect at fan motor
4570-EMG0001	Electric Motor Generator, Room B9
4570-EMG0002	Electric Motor Generator, Room B9
4570-EMG0003	Electric Motor Generator, Room B9
4570-EMG0004	Electric Motor Generator, Room B9
4570-EMG0005	Electric Motor Generator, Room B9
4570-EW0001	Safety Eyewash, Rm B55/Rm E01
4570-FAS0001	Fire Alarm System, North Inside
4570-FID0001	Field Interface Device, Basement, Corridor
4570-HST0001	Chain Hoist, North Outside - Disconnect at NORTH SIDE OUTSIDE
4570-HV0001	Heating Vent Unit, Rm B56
4570-HWHD0001	Hot Water Heater - Domestic, NW Corner - Disconnect at heater
4570-HWHD0002	Hot Water Heater - Domestic, Rm B10 - Disconnect at heater
4570-HWP0001	Hot Water Pump, Rm B55/Rm E01 - Disconnect room E1
4570-HWP0002	Hot Water Pump, Rm B10 - Disconnect at pump
4570-HWP0003	Hot Water Pump, Rm B10 - Disconnect at pump
4570-LC0001	Lighting Contact, Room B55, E-01
4570-LTS0001	Emergency Lighting - Hallway Across From Rm. 106
4570-LTS0004	Emergency Lighting - 2nd Floor Stairwell N.W.
4570-LTS0005	Emergency Lighting - 2nd Floor hall near Rm 254
4570-LTS0006	Emergency Lighting - Stairwell 2nd Floor S.E.
4570-LTS0008	Emergency Lighting - Tunnel
4570-LTS0009	Emergency Lighting - Outside Rm 51
4570-LTS0010	Emergency Lighting - Rm B55/Rm E01
4570-LTS0011	Emergency Lighting - Stairwell Basement N.W.
4570-LTS0012	Emergency Lighting - Room 105
4570-LTS0013	Emergency Lighting - Hallway at Room 106
4570-LTS0014	Emergency Lighting - West Stairwell
4570-LTS0015	Emergency Lighting - West Stairwell
4570-LTS0016	Emergency Lighting - 2nd Floor Hall
4570-LTS0017	Emergency Lighting - East Stairwell
4570-LTS0018	Emergency Lighting - East Stairwell Basement
4570-LTS0019	Emergency Lighting - Hallway at Rm B1
4570-LTS0020	Emergency Lighting - Rm B1
4570-LTS0021	Emergency Lighting - East Tunnel
4570-LTS0022	Emergency Lighting - West Tunnel

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4570-LTS0023	Emergency Lighting - Hallway at B7
4570-LTS0025	Emergency Lighting - Rm 56
4570-MCC0001	Motor Control Center, Rm B55/Rm E01
4570-MCC0002	Motor Control Center, Rm B10
4570-MTS0001	Manual Transfer Switch, Rm B55/Rm E01
4570-MTS0002	Manual Transfer Switch, Rm B6
4570-ODT0001	Oxygen Detection System, Rm B55/Rm E01
4570-ODT0002	Oxygen Detection System, Rm B5 - rm gone
4570-PNL0001	Panel Board, Rm 156 - rm gone
4570-PNL0002	Panel Board, Rm 156 - rm gone
4570-PNL0003	Panel Board, Rm 151 - rm gone
4570-PNL0004	Panel Board, Rm B56
4570-PNL0005	Panel Board, Rm B55/Rm E01
4570-PNL0006	Panel Board, Rm B56
4570-PNL0007	Panel Board, Rm B56
4570-PNL0008	Panel Board, Rm B55/Rm E01
4570-PNL0009	Panel Board, Rm B55/Rm E01
4570-PNL0010	Panel Board, Rm B55/Rm E01
4570-PNL0011	Panel Board, Rm 112
4570-PNL0012	Panel Board, Rm 110
4570-PNL0013	Panel Board, Hallway Outside Rm 108
4570-PNL0014	Panel Board, Hallway Outside Rm 106
4570-PNL0015	Panel Board, Hallway Outside Rm 106
4570-PNL0016	Panel Board, Hallway Outside Rm 106
4570-PNL0017	Panel Board, Rm 108
4570-PNL0018	Panel Board, Rm 108
4570-PNL0019	Panel Board, Rm B9
4570-PNL0020	Panel Board, Rm B9
4570-PNL0021	Panel Board, Rm B9
4570-PNL0022	Panel Board, Rm B9
4570-PNL0023	Panel Board, Rm B7
4570-PNL0024	Panel Board, Rm B7
4570-PNL0025	Panel Board, Rm B7
4570-PNL0026	Panel Board, Rm B7
4570-PNL0027	Panel Board, Rm B7
4570-PNL0028	Panel Board, Rm B6
4570-PNL0029	Panel Board, Rm B7
4570-PNL0030	Panel Board, Hallway Outside Rm B6
4570-PNL0031	Panel Board, Hallway Outside Rm B6
4570-PNL0032	Panel Board, Rm B61
4570-PNL0033	Panel Board, Rm B61
4570-PNL0034	Panel Board, Rm B61
4570-PNL0035	Panel Board, Rm B61
4570-PNL0036	Panel Board, Rm 113C
4570-PNL0037	Panel Board, Rm 262
4570-PNL0038	Panel Board, Rm 262A
4570-PNL0039	Panel Board, Rm 262A
4570-PNL0040	Panel Board, Hallway Outside Rm 254
4570-PNL0041	Panel Board, Rm 260
4570-PNL0042	Panel Board, Rm 260
4570-PNL0043	Panel Board, Rm 200
4570-PNL0044	Panel Board, Rm B14
4570-PNL0045	Panel Board, Rm 120

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4570-PNL0046	Panel Board, Rm 100
4570-PNL0047	Panel Board, East Outside
4570-PNL0048	Panel Board, East Outside
4570-RAF0001	Return Air Fan, Rm B10 - Disconnect in panel
4570-RMON0001	Refrigerant Monitoring System, Room B55/E-1, 1 Sensor
4570-ROOF0001	Roof, Main, Bldg 4570
4570-ROOF0002	Roof, Bldg 4570
4570-ROOF0003	Roof, Bldg 4570
4570-ROOF0004	Roof, Bldg 4570
4570-ROOF0005	Roof, Bldg 4570
4570-ROOF0006	Roof, Bldg 4570
4570-ROOF0007	Roof, Bldg 4570
4570-ROOF0008	Roof, Bldg 4570
4570-SH0001	Safety Shower, Rm B8
4570-SHEW0001	Safety Shower & Eyewash, Rm B55/Rm E01
4570-SHEW0002	Safety Shower & Eyewash, Rm B8, Basement
4570-SPMP001	Sump Pump, Rm B55/Rm E01 - Disconnect at pump
4570-SS0001	Safety Switch, Outside, Downstairs
4570-SS0002	Safety Switch, Room B55, E-01
4570-SS0003	Safety Switch, Room B56
4570-SS0004	Safety Switch, Room B56
4570-SS0005	Safety Switch, Room B56
4570-SS0006	Safety Switch, Room B52
4570-SS0007	Safety Switch, Room B9
4570-SS0008	Safety Switch, Room B9
4570-SS0009	Safety Switch, Room B1, E-02
4570-SS0010	Safety Switch, On Steps To E-02
4570-SS0011	Safety Switch, Room 120
4570-SS0012	Safety Switch, Room 120
4570-SS0013	Safety Switch, West Outside
4570-SS0014	Safety Switch, North Cooling Twr.
4570-SS0015	Safety Switch, North Cooling Twr.
4570-SS0016	Safety Switch, North Cooling Twr.
4570-SS0017	Safety Switch, North Outside
4570-SS0018	Safety Switch, Room 11
4570-SS0019	Safety Switch, Room 11
4570-SS0020	Safety Switch, East Cooling Twr.
4570-SS0021	Safety Switch, S.W. Yard Fence
4570-SS0022	Safety Switch, East Yard
4570-SS0023	Safety Switch, East Yard
4570-SS0024	Safety Switch, East Yard
4570-SS0025	Safety Switch, North Roof
4570-SSS0001	Starter Safety Switch, Room B1, E-02
4570-SSS0002	Starter Safety Switch, Room B1, E-02
4570-STRT0001	Starter, Room B55, E-01
4570-STRT0002	Starter, Room B56
4570-STRT0003	Starter, Room 120
4570-SUB0001	Substation, East Outside
4570-TMR0001	Timer, Room B55, E-01
4570-TMR0002	Timer, Room B55, E-01
4570-UPS0001	UPS Power System, Rm B55/Rm E01
4570-XFMR0001	Transformer, Rm B56
4570-XFMR0002	Transformer, Rm B56

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4570-XFMR0003	Transformer, Rm B55/Rm E01
4570-XFMR0004	Transformer, Rm B55/Rm E01
4570-XFMR0005	Transformer, Rm B7
4570-XFMR0006	Transformer, Room B9
4570-XFMR0007	Transformer, Room B1, E-02
4571-DXAC0001	Direct Expansion AC Unit, Rm 100 - Disconnect at unit
4571-DXAC0001	Direct Expansion AC Unit, Rm 100 - Disconnect at unit
4571-LTS0001	Emergency Lighting, Fluorescent - Rm 100
4571-LTS0002	Emergency Lighting, Fluorescent - Rm 100
4571-PNL0001	Panel Board, Rm 100
4571-PNL0002	Panel Board, Rm 100
4571-ROOF0001	Roof, Bldg 4571
4572-BATB0001	Battery Bank, Rm 102
4572-CBP0001	Circuit Breaker Panel, Equipment Room Ground
4572-CBP0003	Circuit Breaker Panel, Room 108
4572-CBP0004	Circuit Breaker Panel, Room 101 E Wall
4572-CBP0005	Circuit Breaker Panel, Room 101 Center Wall
4572-CBX0003	Control Box, Outside South Structural Test
4572-CONT0001	Contactor, Room 101
4572-CONT0002	Contactor, Room 101
4572-CONT0003	Contactor, Room 101
4572-CONT0004	Contactor, Room 101
4572-CONT0005	Contactor, Room 101
4572-CONT0006	Contactor, Room 101
4572-CRN0001	10-Ton Bridge Crane, West Side - Disconnect at NORTH SIDE OF WALL
4572-CRU0002	Computer Room Unit - Rm M102, Disconnect at unit
4572-CRU0002	Computer Room Unit - Rm M102, Disconnect at unit
4572-CRU0004	Computer Room Unit - Rm M102, Disconnect at unit
4572-CRU0004	Computer Room Unit - Rm M102, Disconnect at unit
4572-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4572-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4572-DXAC0003	Direct Expansion AC Unit - Disconnect at unit
4572-DXAC0003	Direct Expansion AC Unit - Disconnect at unit
4572-DXAC0005	Direct Expansion AC Unit, Rm 101/Rm E02 - Disconnect at unit
4572-DXAC0005	Direct Expansion AC Unit, Rm 101/Rm E02 - Disconnect at unit
4572-DXAC0006	Portable Air Conditioner, North Outside - Disconnect on unit
4572-DXAC0007	Portable Air Conditioner, North Outside
4572-EAF0001	Exhaust Blower Fan, Rm. 104, NE Corner - Disconnect at fan motor
4572-EAF0002	Exhaust Blower Fan, Rm. 102 - Disconnect at fan motor
4572-ELEV0001	Hydraulic Elevator, South Side - Disconnect at elevator
4572-EW0001	Safety Eyewash, Rm 104A/E-1
4572-FAS0001	Fire Alarm System, Main Lobby South Side
4572-HV0001	Heating Vent Unit, Structural Test Facility
4572-HV0002	Heating Vent Unit, Structural Test Facility
4572-HWHD0001	Hot Water Heater - Domestic, Mezzanine Floor - Disconnect at heater
4572-HWHD0002	Hot Water Heater - Domestic, Rm 108 - Disconnect at heater
4572-HWP0001	Hot Water Booster Pump, Rm 103
4572-LC0001	Lighting Contactor, Equipment Room Ground
4572-LTS0001	Aviation Lights, Roof
4572-LTS0002	Emergency Lighting - Hall Near East Entrance Lvl M
4572-LTS0003	Emergency Lighting - Rm M1 Center West Section
4572-LTS0004	Emergency Lighting - Rm M1 Center East Section
4572-LTS0005	Emergency Lighting - Near Rm 101 E. Section

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4572-LTS0006	Emergency Lighting - Stairs Level M
4572-LTS0007	Emergency Lighting - Stairs Level 2
4572-LTS0008	Emergency Lighting - Room 201 East
4572-LTS0009	Emergency Lighting - Room 201 West
4572-LTS0010	Emergency Lighting - Elevator (South)
4572-LTS0011	Emergency Lighting - West High Bay Southeast Corner, Rm 106
4572-LTS0012	Emergency Lighting - West High Bay Southwest Corner, Rm 106
4572-LTS0013	Emergency Lighting - West High Bay Northeast Corner, Rm 106
4572-LTS0014	Emergency Lighting - West High Bay NW Corner, Rm 106
4572-LTS0015	Emergency Lighting - West High Bay South Center, Rm 106
4572-LTS0016	Emergency Lighting - West High Bay North Center, Rm 106
4572-LTS0017	Emergency Lighting - Hall Near Rm 103
4572-LTS0018	Emergency Lighting - Rm 101 S Wall
4572-MCC0001	Motor Control Center, Rm 101
4572-PMP0002	Water Pump, 1st Floor - Disconnect at pump
4572-PMP0003	Water Pump, 1st Floor - Disconnect at pump
4572-PNL0001	Panel Board, Rm 104A/Rm E01
4572-PNL0002	Panel Board, Rm 104A/Rm E01
4572-PNL0003	Panel Board, Rm 104A/Rm E01
4572-PNL0004	Panel Board, Rm 104A/Rm E01
4572-PNL0005	Panel Board, Rm 104
4572-PNL0006	Panel Board, Rm 108
4572-PNL0007	Panel Board, Rm 106
4572-PNL0008	Panel Board, Rm 106
4572-PNL0009	Panel Board, Rm 106
4572-PNL0010	Panel Board, Rm M102
4572-PNL0011	Panel Board, Rm M102
4572-PNL0012	Panel Board, Rm 102
4572-PNL0013	Panel Board, Rm 301
4572-PNL0014	Panel Board, Rm 201
4572-PNL0015	Panel Board, South Wall Structural Test Area
4572-PNL0016	Panel Board, Structural Test Facility
4572-PNL0017	Panel Board, Structural Test Facility
4572-PNL0018	Panel Board, Structural Test Facility
4572-PNL0019	Panel Board, Structural Test Facility
4572-PNL0020	Panel Board, Rm 101
4572-PNL0021	Panel Board, Rm 101 W Wall
4572-PNL0022	Panel Board, Rm 101 W Wall
4572-PNL0023	Panel Board, Outside N Building
4572-PWRS0002	Power Supply, Outside North Structural Test
4572-ROOF0001	Roof, Main, Bldg 4572
4572-ROOF0002	Roof, Bldg 4572
4572-ROOF0003	Roof, Bldg 4572
4572-ROOF0004	Roof, Bldg 4572
4572-SHEW0001	Safety Shower and Eyewash, West Outside
4572-SHEW0002	Safety Shower and Eyewash, Rm 104A
4572-SPMP001A	Sump Pump, Tunnel Area - Disconnect at pump
4572-SPMP001B	Sump Pump, Tunnel Area - Disconnect at pump
4572-SPR0001	Sprinkler System, Rm 301
4572-SS0001	Safety Switch, Mezzanine Shop
4572-SS0002	Safety Switch, 2ND Floor
4572-SS0003	Safety Switch, Elevator Room South
4572-SS0004	Safety Switch, Mezzanine Penthouse

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4572-SS0005	Safety Switch, Mezzanine Penthouse
4572-SS0006	Safety Switch, North Wall Structural Test
4572-SS0007	Safety Switch, South Wall Structural Test
4572-SS0008	Safety Switch, Outside South Structural Test
4572-SS0009	Safety Switch, Outside South Structural Test
4572-SS0010	Safety Switch, Outside West Structural Test
4572-SS0011	Safety Switch, Outside West Structural Test
4572-SS0012	Safety Switch, Outside West Structural Test
4572-SS0013	Safety Switch, Outside West Structural Test
4572-SS0014	Safety Switch, Outside West Structural Test
4572-SS0015	Safety Switch, Outside West Structural Test
4572-SS0016	Safety Switch, Outside West Structural Test
4572-SS0017	Safety Switch, Outside North Structural Test
4572-SS0018	Safety Switch, 2ND Floor
4572-SS0019	Safety Switch, Rm 101
4572-SS0020	Safety Switch, Outside W
4572-SS0021	Safety Switch, Outside W
4572-SS0022	Safety Switch, Outside W
4572-SS0023	Safety Switch, Outside W
4572-SS0024	Safety Switch, Outside N
4572-SS0025	Safety Switch, Outside N
4572-SS0026	Safety Switch, Roof
4572-SS0027	Safety Switch, Roof
4572-SS0028	Safety Switch, Outside N Highbay
4572-SS0029	Safety Switch, Outside N Highbay
4572-SS0030	Safety Switch, Outside N Highbay
4572-SS0031	Safety Switch, Highbay N Wall
4572-SS0032	Safety Switch, Highbay E Wall
4572-SS0033	Safety Switch, Outside S Highbay
4572-SS0034	Safety Switch, Outside S Highbay
4572-SS0035	Safety Switch, Outside S Highbay
4572-SS0036	Safety Switch, Outside S Highbay
4572-SS0037	Safety Switch, Outside S Highbay
4572-SS0038	Safety Switch, Outside W Highbay
4572-SS0039	Safety Switch, Outside W Highbay
4572-SS0040	Safety Switch, Outside W Highbay
4572-SS0041	Safety Switch, Outside W Highbay
4572-SS0042	Safety Switch, Outside W Highbay
4572-SS0043	Safety Switch, Outside W Highbay
4572-SS0044	Safety Switch, Outside W Highbay
4572-SS0045	Safety Switch, Outside N Highbay
4572-SSS0001	Starter Safety Switch, Room 104A/E-1
4572-STRT0001	Starter, Roof
4572-STRT0007	Starter, South Wall Structural Test
4572-STRT0008	Starter, Outside South Structural Test
4572-UH0001	Unit Heater, Electric, SRB Lab SE Wall
4572-UH0002	Unit Heater, Electric, SRB Lab South Center Wall
4572-UH0003	Unit Heater, Electric, SRB Lab SW Wall
4572-UH0004	Unit Heater, Electric, SRB Lab NE Wall
4572-UH0005	Unit Heater, Electric, SRB Lab North Center Wall
4572-UH0006	Unit Heater, Electric, SRB Lab NW Wall
4572-UH0007	Unit Heater, SE Corner Rm 101
4572-UPC0001	Unit Power Center, Rm 104A/Rm E01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4572-UPC0002	Unit Power Center, Rm 104A/Rm E01
4572-XFMR0001	Transformer, Rm 104
4572-XFMR0002	Transformer, Outside West Structural Test
4574-PNL0001	Panel Board, Interior
4581-SPMP001A	Sump Pump - Disconnect at pump
4581-SPMP001B	Sump Pump - Disconnect at pump
4581-TANK0001	Air Tank
4581-TANK0002	Air Tank
4581-TANK0003	Air Tank
4581-TANK0004	Air Tank
4581-TANK0005	Air Tank
4581-TANK0006	Air Tank
4581-TANK0007	Air Tank
4581-TANK0008	Air Tank
4581-TANK0009	Air Tank
4581-TANK0010	Air Tank
4581-TANK0011	Air Tank
4581-TANK0012	Air Tank
4581-TANK0013	Air Tank
4581-TANK0014	Air Tank
4581-TANK0015	Air Tank
4582-DOOR0001	Roll-Up Door, Rm 100
4582-DOOR0002	Roll-Up Door, Rm 102
4582-DXAC0001	Direct Expansion AC Unit, West - Disconnect at unit
4582-FAS0001	Fire Alarm System, Rm 101
4582-LTS0001	Emergency Lighting - Rm 101
4582-MCC0001	Motor Control Center, Rm 101
4582-PNL0001	Panel Board, Rm 101
4582-PNL0002	Panel Board, Rm 101
4582-ROOF0001	Roof, Main, Bldg 4582
4582-ROOF0002	Roof, Bldg 4582
4582-SS0001	Safety Switch, Outside, West
4582-SS0002	Safety Switch, Room 101, S. Wall
4582-SS0003	Safety Switch, Room 101, S. Wall
4582-SS0004	Safety Switch, High Bay, E. Wall
4582-UH0001	Unit Heater Electric, Se, Inside
4582-UH0002	Unit Heater Electric, Nw, Inside
4582-UH0003	Unit Heater Electric, North Side Storage Room
4582-XFMR0001	Transformer, Rm 101
4583-ACMP0001	Air Compressor Control, Rm 154/Rm E02 - Disconnect room E2
4583-ACMP0002	Air Compressor Control, Rm 154/Rm E2 - Disconnect room E2
4583-ACMP0004	Air Compressor Control, East Side Shed - Disconnect at compressor
4583-ACMP0005	Air Compressor Control, Rm 183/Rm E01 - Disconnect room E1
4583-ACMP0006	Air Compressor Control, Rm 183/Rm E01 - Disconnect room E1
4583-ADRY0001	Air Dryer, East Side Shed - Disconnect east side
4583-ADRY0002	Air Dryer, Rm 183/Rm E01 - Disconnect room E1
4583-AH0001	Air Handling Unit, NW Corner - Disconnect on unit
4583-AH0003	Air Handling Unit, Rm 183/Rm E01 - Disconnect room E1
4583-AH0004	Air Handling Unit, Rm 154/Rm 154 - Disconnect on unit
4583-AH0005	Air Handling Unit, Rm 183/Rm E01 - Disconnect room E1
4583-AH0006	Air Handling Unit, Rm 281 - Disconnect on unit
4583-AH0008	Air Handling Unit, Test Cell 110 - Disconnect on unit
4583A-LROD0001	Lightning Protection System, Roof

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4583A-SHEW0001	Safety Shower and Eyewash, Test Stand 115, South
4583A-SHEW0002	Safety Shower and Eyewash, Test Stand 115, South
4583-BATB0001	Battery Bank, Roof
4583-BATB0002	Battery Bank, Room 113, Cage Area
4583-BATB0003	Battery Bank, Room 180C
4583-BFP0001	Back Flow Preventer - Chilled Water, Rm 183/E01
4583-BFP0002	Back Flow Preventer - Hot Water, Rm 183/Rm E01
4583-BTS0001	Bypass Transfer Switch, Room 126, E-04
4583-BTS0002	Bypass Transfer Switch, Room 113, Cage Area
4583-BTS0003	Bypass Transfer Switch, Room 180C
4583-CBP0001	Circuit Breaker Panel, Room E-01
4583-CBX0001	Control Box, Hall At Rm. 115
4583-CBX0002	Control Box, Hall At Rm. 115
4583-CBX0003	Control Box, Hall At Rm. 115
4583-CBX0004	Control Box, Room 126, E-04
4583-CHLR0001	Water Chiller, Rm 183/Rm E01
4583-CHWP0001	Chill Water Pump, Rm 183/Rm E01 - Disconnect room E1
4583-CHWP0002	Chill Water Pump, Rm 183/Rm E01 - Disconnect room E1
4583-CMD0001	Carbon Monoxide Detection Sys, Room 114
4583-CNDP0001	Condensate Pump, Rm 183/Rm E01 - Disconnect room E1
4583-CNDP0002	Condensate Pump, Rm 183/Rm E01 - Disconnect room E1
4583-CODT0001	Carbon Monoxide Detection System, Rm 114A
4583-COIL001A	Chilled Water Coil, AH0001, NW Corner
4583-COIL001B	Hot Water/Steam Coil, AH0001, NW Corner
4583-COIL003A	Chilled Water Coil, AH0003, Rm 183/E-1
4583-COIL003B	Hot Water/Steam Coil, AH0003, Rm 183/E-1
4583-COIL004A	Chilled Water Coil, AH0004, Rm 154
4583-COIL004B	Hot Water/Steam Coil, AH0004, Rm 154
4583-COIL005A	Chilled Water Coil, AH0005, Rm 183/E-1
4583-COIL005B	Hot Water/Steam Coil, AH0005, Rm 183/E-1
4583-COIL006A	Chilled Water Coil, AH0006, Rm 281
4583-COIL006B	Hot Water/Steam Coil, AH0006, Rm 281
4583-COIL008A	Chilled Water Coil, AH0008, Test Cell 110
4583-COIL008B	Hot Water/Steam Coil, AH0008, Test Cell 110
4583-CP0003	Control Panel, Compressor Bldg.
4583-CRU0001	Computer Room Unit, Rm 180 - Disconnect at unit
4583-CRU0001	Computer Room Unit, Rm 180 - Disconnect at unit
4583-CRU0002	Computer Room Unit - Disconnect at unit
4583-CRU0002	Computer Room Unit - Disconnect at unit
4583-CRU0003	Computer Room Unit, Rm 171A - Disconnect at unit - Disconnect at unit
4583-CRU0003	Computer Room Unit, Rm 171A - Disconnect at unit - Disconnect at unit
4583-CRU0003	Computer Room Unit, Rm 171A - Disconnect at unit - Disconnect at unit
4583-CTWR0001	Cooling Tower, South Side - Disconnect on South Side
4583-CWP0001	Condenser Water Pump, Cooling Tower, East Outside - Disconnect at pump
4583-CWP0002	Condenser Water Pump, Cooling Tower, East Outside - Disconnect at pump
4583-CWP0003	Condenser Water Pump, NE Side - Disconnect at pump
4583-CWP0004	Condenser Water Pump, Cooling Tower, East Outside - Disconnect at pump
4583-DOOR0001	Roll-Back Door, North Side - Disconnect at door
4583-DOOR0002	Roll-Up Door, North Side - Disconnect at door
4583-DOOR0003	Automatic Roll-Up Door, East Side - Disconnect at door
4583-DOOR0004	Automatic Roll-Up Door, West Side - Disconnect at door
4583-DOOR0005	Automatic Roll-Up Door, East Side - Disconnect at door
4583-DOOR0006	Automatic Roll-Up Door, West Side - Disconnect at door

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4583-DOOR0007	Automatic Roll-Up Door, East Side - Disconnect at door
4583-DOOR0008	Automatic Roll-Up Door, East Side - Disconnect at door
4583-DOOR0009	Automatic Roll-Up Door, East Side - Disconnect at door
4583-DOOR0010	Roll Up Door Manual, Rm 105
4583-DOOR0011	Roll Up Door Manual, Rm 106
4583-DOOR0012	Roll Up Door Manual, Rm 107
4583-DOOR0013	Roll Up Door Manual, Rm 108
4583-DOOR0014	Roll Up Door Manual, Rm 109
4583-DOOR0015	Roll Up Door Manual, Metal Shed E
4583-DOOR0016	Roll Up Door Manual, Metal Shed E
4583-DXAC0004	Direct Expansion AC Unit, Rm 180C - Disconnect at unit
4583-EAF0001	Exhaust Blower Fan, Roof (above battery bank room) - Disconnect at fan motor
4583-EW0001	Safety Eyewash, North Outside
4583-EW0002	Safety Eyewash, East Outside
4583-EW0003	Safety Eyewash, SE Outside
4583-FAN0001	Booster Fan, Rm 154/Rm E02 - Disconnect room E2
4583-FAS0001	Fire Alarm System, SW Main Entrance
4583-FID0001	Field Interface Device, Rm 119/Rm E03
4583-GEN0001	Emergency Generator, West Outside - REMOVED FROM PM
4583-HDS0001	Hydrogen Detection System, Test Cell 109
4583-HDT0001	Hydrogen Detection System, Rm 109
4583-HST0001	2-Ton Chain Hoist, SE Outside
4583-HST0002	3-Ton Chain Hoist, Test Cell 102
4583-HST0003	3-Ton Electric Hoist, 2nd Floor, SE Outside -
4583-HST0004	Hoist Platform, South Outside - Disconnect at SOUTH WALL
4583-HWHD0001	Hot Water Heater - Domestic, Rm 154/Rm E02 - Disconnect room E2
4583-HWHD0002	Hot Water Heater -Domestic, Rm 208 - Disconnect at heater
4583-HWHD0003	Hot Water Heater - Domestic, Rm 158A - Disconnect at heater
4583-HWP0001	Hot Water Pump, Rm 183/Rm E01 - Disconnect room E1
4583-HWP0001	Hot Water Pump, Rm 183/Rm E01 - Disconnect room E1
4583-ICE0001	Ice Machine, Rm 123 - Disconnect at machine
4583-LROD0001	Lightning Protection System, Roof
4583-LTS0001	Emergency Lighting - Outside Room 175A
4583-LTS0002	Emergency Lighting - Stairwell By Room 175A to B'm
4583-LTS0003	Emergency Lighting - Basement Terminal Room
4583-LTS0004	Emergency Lighting - Basement Terminal Room
4583-LTS0005	Emergency Lighting - Basement Cable Tunnel Room
4583-LTS0006	Emergency Lighting - Basement Tunnel
4583-LTS0007	Emergency Lighting - Basement Tunnel
4583-LTS0008	Emergency Lighting - 1st Floor Stairwell Oside 180
4583-LTS0009	Emergency Lighting - Hallway By Rm 159
4583-LTS0010	Emergency Lighting - Hallway by Room 121
4583-LTS0011	Emergency Lighting - Rm 122, N. Wall By Room 178
4583-LTS0012	Emergency Lighting - Electrical Rm By Rm 121
4583-LTS0013	Emergency Lighting - Outside Room 282
4583-LTS0014	Emergency Lighting - Hallway Outside Room 123
4583-LTS0015	Emergency Lighting - Hallway Outside Room 115
4583-LTS0016	Emergency Lighting - Hallway Outside Room 114A
4583-LTS0017	Emergency Lighting - Entrance By Room 113 - 114
4583-LTS0018	Emergency Lighting - Top Of Stairwell By Room 204
4583-LTS0019	Emergency Lighting - Outside Room 206
4583-LTS0020	Emergency Lighting - Room 206 South Wall
4583-LTS0021	Emergency Lighting - Room 205 South Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4583-LTS0022	Emergency Lighting - Room 119 South Wall
4583-LTS0023	Emergency Lighting - Room 183 North Wall
4583-LTS0024	Emergency Lighting - Room 154 South Wall
4583-MCC0001	Motor Control Center, Rm 126
4583-MCC0002	Motor Control Center, Rm 126
4583-MCC0003	Motor Control Center, Rm 183/Rm E01
4583-MCC0004	Motor Control Center, Rm 183/Rm E01
4583-MCC0005	Motor Control Center, Room E-03
4583-MTS0001	Manual Transfer Switch, Room E-01
4583-ODT0001	Oxygen Detection System, Rm 114A
4583-ODT0002	Oxygen Detection System, South Entrance
4583-PNL0001	Panel Board, Rm 126
4583-PNL0002	Panel Board, Rm 126
4583-PNL0003	Panel Board, Rm 126
4583-PNL0004	Panel Board, Rm 126
4583-PNL0005	Panel Board, Rm 126
4583-PNL0006	Panel Board, Rm 126
4583-PNL0007	Panel Board, Rm 126
4583-PNL0008	Panel Board, Rm 114A
4583-PNL0009	Panel Board, Rm 121
4583-PNL0010	Panel Board, Rm 114A
4583-PNL0011	Panel Board, Rm 101, Test Cell
4583-PNL0012	Panel Board, Rm 114A
4583-PNL0013	Panel Board, Rm 114A
4583-PNL0014	Panel Board, Rm 121
4583-PNL0017	Panel Board, Hallway Outside Rm 115
4583-PNL0018	Panel Board, Hallway Outside Rm 115
4583-PNL0019	Panel Board, Hallway Outside Rm 115
4583-PNL0020	Panel Board, Hallway Outside Rm 161
4583-PNL0021	Panel Board, Hallway Outside Rm 161
4583-PNL0022	Panel Board, Hallway Outside Rm 161
4583-PNL0023	Panel Board, Hallway Outside Rm 161
4583-PNL0024	Panel Board, Rm 180
4583-PNL0025	Panel Board, Rm 180
4583-PNL0026	Panel Board, Rm 180
4583-PNL0027	Panel Board, Rm 180
4583-PNL0028	Panel Board, Rm 180
4583-PNL0029	Panel Board, Rm 180
4583-PNL0030	Panel Board, Rm 180
4583-PNL0031	Panel Board, Rm 110
4583-PNL0032	Panel Board, Rm 110
4583-PNL0033	Panel Board, Rm 109
4583-PNL0034	Panel Board, Rm 122A
4583-PNL0035	Panel Board, Rm 205
4583-PNL0036	Panel Board, Rm 205
4583-PNL0037	Panel Board, Rm 205
4583-PNL0038	Panel Board, Rm 205
4583-PNL0039	Panel Board, Rm 205
4583-PNL0040	Panel Board, Rm 206
4583-PNL0041	Panel Board, Rm 206
4583-PNL0042	Panel Board, Rm 280
4583-PNL0043	Panel Board, Rm 280A
4583-PNL0044	Panel Board, Rm 180C

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4583-PNL0045	Panel Board, Rm 171A
4583-PNL0046	Panel Board, Substation, West Outside
4583-PNL0047	Panel Board, Metal Shed, NE Side
4583-PNL0048	Panel Board, Metal Shed, NE Side
4583-PNL0050	Panel Board, Rm. 126 / E04
4583-PNL0051	Panel Board, Rm. 171
4583-PNL0052	Panel Board, Rm. 180C
4583-PNL0053	Panel Board, Rm. 206
4583-PNL0054	Panel Board, Test Cell 105
4583-PNL0055	Panel Board, W. Outside Substation
4583-PNL0056	Panel Board, W. Outside Substation
4583-PNL0057	Panel Board, Hallway at Rm 122
4583-PWRS0001	Power Supply, Roof, Battery Rm.
4583-RAF0004	Return Air Fan, Rm 154/Rm E02 - Disconnect in room E2
4583-ROOF0001	Roof, Main, Bldg 4583
4583-ROOF0002	Roof, Bldg 4583
4583-ROOF0003	Roof, Bldg 4583
4583-ROOF0004	Roof, Bldg 4583
4583-ROOF0005	Roof, Bldg 4583
4583-ROOF0006	Roof, Bldg 4583
4583-ROOF0007	Roof, Bldg 4583
4583-ROOF0008	Roof, Bldg 4583
4583-ROOF0009	Roof, Bldg 4583
4583-SH0001	Safety Shower, East Outside - REMOVED
4583-SH0002	Safety Shower, SE Outside
4583-SH0003	Safety Shower, North Outside
4583-SPMP0001	Sump Pump, SW Basement, Near Stairs - Disconnect at pump
4583-SPMP0002	Sump Pump, SW Lower Basement, - Disconnect at pump
4583-SS0001	Safety Switch, Hall At Room 122
4583-SS0003	Safety Switch, W. Yard, At Gen.
4583-SS0004	Safety Switch, W. Yard, At Ac
4583-SS0005	Safety Switch, W. Yard, At Ac
4583-SS0006	Safety Switch, Room 113, Cage Area
4583-SS0007	Safety Switch, Room 281
4583-SS0009	Safety Switch, Roof, Battery Rm.
4583-SS0010	Safety Switch, Roof, Battery Rm.
4583-SS0011	Safety Switch, Roof, Battery Rm.
4583-SS0012	Safety Switch, Roof, Battery Rm.
4583-SS0013	Safety Switch, Room E-01
4583-SS0014	Safety Switch, Room E-01
4583-SS0015	Safety Switch, Room E-01
4583-SS0020	Safety Switch, Test Cell 101
4583-SS0022	Safety Switch, Test Cell 110
4583-SS0024	Safety Switch, Room E-03
4583-SS0025	Safety Switch, Room E-03
4583-SS0026	Safety Switch, Room E-03
4583-SS0027	Safety Switch, Room 171A
4583-SS0028	Safety Switch, Room 171A
4583-SS0029	Safety Switch, Hall At Rm. 115
4583-SS0030	Safety Switch, Test Cell 105
4583-SS0031	Safety Switch, Test Cell 105
4583-SS0032	Safety Switch, Test Cell 106
4583-SS0034	Safety Switch, Rear Yard, Cooling Twr.

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4583-SS0035	Safety Switch, Rear Yard, Outside Wall
4583-SS0036	Safety Switch, Rear Yard, Outside Wall
4583-SS0037	Safety Switch, Rear Yard, Outside Wall
4583-SS0038	Safety Switch, Compressor Bldg.
4583-SS0039	Safety Switch, Compressor Bldg.
4583-SS0040	Safety Switch, Compressor Bldg.
4583-SS0041	Safety Switch, Compressor Shed
4583-SS0043	Safety Switch, Room 154
4583-SS0044	Safety Switch, Room E-03
4583-SS0045	Safety Switch, Room 122A
4583-SS0046	Safety Switch, Compressor Bldg.
4583-SS0048	Safety Switch, Room 180C
4583-SS0049	Safety Switch, Room E-03
4583-SS0050	Safety Switch, Room E-03
4583-SS0051	Safety Switch, Room E-03
4583-SS0052	Safety Switch, Test Cell 102
4583-SS0053	Safety Switch, Test Cell 102
4583-SS0001	Starter Safety Switch, Room 121
4583-STRT0001	Starter, Room 121
4583-STRT0002	Starter, Room 121
4583-STRT0003	Starter, Room 121
4583-STRT0005	Starter, Roof, Battery Rm.
4583-STRT0006	Starter, Roof, Battery Rm.
4583-STRT0007	Starter, Room E-01
4583-STRT0008	Starter, Room E-01
4583-STRT0012	Starter, Room E-02
4583-STRT0013	Starter, Room E-03
4583-STRT0014	Starter, Metal Shed
4583-STRT0015	Starter, Compressor Bldg.
4583-STRT0016	Starter, Test Cell 110
4583-SUB0001	Substation, West Outside
4583-TMR0001	Timer, Room 121
4583-TMR0002	Timer, Room 121
4583-UH0001	Unit Heater Steam, E-3
4583-UH0002	Unit Heater Steam, E-1
4583-UH0003	Unit Heater Steam, Rm 111
4583-UPS0001	UPS Power System, Rm 113
4583-UPS0002	UPS Power System, Rm 180C
4583-UPS0003	Ups Power System, Room 180C
4583-VSC0001	Variable Speed Controller, Room E-01
4583-XFMR0001	Transformer, Metal Shed, NE Side
4583-XFMR0002	Transformer, Rm 126 / E04
4583-XFMR0003	Transformer, Rm 126 / E04
4583-XFMR0004	Transformer, Rm 113A, Cage
4583-XFMR0005	Transformer, Test Cell 109
4583-XFMR0006	Transformer, Rear Yard, Outside Wall
4583-XFMR0007	Transformer, Rear Yard, Outside Wall
4583-XFMR0008	Transformer, Rear Yard, Outside Wall
4584-PNL0001	Panel Board, East Wall, Rm 100
4584-ROOF0001	Roof, Main, Bldg 4584
4584-SS0001	Safety Switch, East Wall
4584-SS0002	Safety Switch, East Wall
4584-STRT0001	Starter, East Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4584-XFMR0001	Transformer, East Wall, Rm 100
4585-DOOR0001	Roll-Up Door, Manual, Rm 100A
4585-DOOR0002	Roll-Up Door, Manual, Rm 100
4585-DXAC0001	Direct Expansion AC Unit, South High Bay, Rm 100A - Disconnect at unit
4585-DXAC0001	Direct Expansion AC Unit, South High Bay, Rm 100A - Disconnect at unit
4585-FAS0001	Fire Alarm System, Rm 100A, N Wall
4585-LTS0001	Emergency Lighting - Dry Cell, Rm 100A, N Wall
4585-LTS0002	Emergency Lighting - Dry Cell, Rm 100, W Wall
4585-PNL0001	Panel Board, South High Bay
4585-PNL0002	Panel Board, South High Bay
4585-PNL0003	Panel Board, South High Bay
4585-ROOF0001	Roof, Main, Bldg 4585
4585-SS0001	Safety Switch, Outside, South
4585-SS0002	Safety Switch, Room 100A, N. Wall
4585-SS0003	Safety Switch, Room 100A, W. Wall
4585-SS0004	Safety Switch, Room 100A, W. Wall
4585-SS0005	Safety Switch, Room 100A, W. Wall
4585-SS0006	Safety Switch, Room 100A, S. Wall
4585-SS0007	Safety Switch, Room 100A, S. Wall
4585-SS0008	Safety Switch, Room 100, W. Wall
4585-XFMR0001	Transformer, Room 100A, N. Wall
4586-DXAC0001	Direct Expansion AC Unit, Near Test Stand 4583A
4586-ODT0001	Oxygen Detection System, Rm 100
4586-ROOF0001	Roof, Main, Bldg 4586
4587-ROOF0001	Roof, Bldg 4587
4588-CONT0001	Contactor, Instrumentation Rm N Wall
4588-DXAC0001	Direct Expansion AC Unit, Rm 100 - Disconnect at unit
4588-DXAC0001	Direct Expansion AC Unit, Rm 100 - Disconnect at unit
4588-DXAC0002	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4588-DXAC0002	Direct Expansion AC Unit, Rm 200 - Disconnect at unit
4588-LC0001	Lighting Contactor, Room On 1ST Floor
4588-LTS0001	Emergency Lighting - Rm 200
4588-LTS0002	Emergency Lighting, Rm 100
4588-MCC0001	Motor Control Center, Rm 100
4588-PNL0001	Panel Board, Rm 100
4588-PNL0002	Panel Board, Rm 100
4588-PNL0003	Panel Board, Rm 100
4588-PNL0004	Panel Board, Rm 100
4588-PNL0005	Panel Board, Rm 200
4588-PNL0021	Panel Board, Room On 2ND Floor
4588-PNL0022	Panel Board, Room On 1ST Floor
4588-ROOF0001	Roof, Main, Bldg 4588
4588-SS0001	Safety Switch, Tower 4TH Floor
4588-SS0002	Safety Switch, Room On 1ST Floor
4588-SS0003	Safety Switch, Room On 1ST Floor
4588-SS0004	Safety Switch, Room On 1ST Floor
4588-SS0005	Safety Switch, Room On 1ST Floor
4588-SS0006	Safety Switch, Room On 1ST Floor
4588-SS0007	Safety Switch, Room On 1ST Floor
4588-SS0008	Safety Switch, Room On 1ST Floor
4588-SS0009	Safety Switch, Instrumentation Rm E Wall
4588-SS0010	Safety Switch, Instrumentation Rm S Wall
4588-SS0011	Safety Switch, 3rd Level in Tower

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4588-SS0012	Safety Switch, Outside South
4588-STRT0001	Starter, Room On 1ST Floor
4588-STRT0002	Starter, Instrumentation Rm N Wall
4588-TMR0001	Timer, Outside at Steps
4588-XFMR0001	Transformer, Outside Under Stairs
4590-DXAC0001	Direct Expansion AC Unit, Outside Northeast
4596-ACMP0001	Air Compressor, NE Corner, Rm 101 - Disconnect on NE corner
4596-DOOR0001	Roll-Up Door, Manual, Rm 101
4596-DPIP0001	Drain Pipe, North Side
4596-DXAC0001	Direct Expansion AC Unit, East Outside - Disconnect at unit
4596-EAF0001	Exhaust Blower Fan, Paint Shop, Rm 101 - Disconnect at fan motor
4596-HTR0001	Unit Heater Electric, Inside
4596-HTR0002	Unit Heater Electric, Inside
4596-HTR0003	Unit Heater Electric, Restroom
4596-HTR0004	Unit Heater, Electric, Paint Shop
4596-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4596-PNL0001	Panel Board, Rm 100
4596-ROOF0001	Roof, Main, Bldg 4596
4596-SS0001	Safety Switch, Room 103, S. Wall
4596-SS0002	Safety Switch, Outside, East
4596-STRT0001	Starter, Room 103, S. Wall
4596-SUB0001	Substation, West Side
4597-CBS0001	Circuit Breaker Starter, Outside
4597-CBS0002	Circuit Breaker Starter, Outside (4)
4597-CBS0003	Circuit Breaker Starter, Outside
4598-SPMP0001	Sump Pump, East End of Pit - Disconnect at pump
4600-AH0001	Air Handling Unit, Rm 6001 -
4600-AH0002	Air Handling Unit, Rm 6001 -
4600-AH0003	Air Handling Unit, Rm 6003 -
4600-AH0004	Air Handling Unit, Rm 6003 -
4600-AH0005	Air Handling Unit, Fan Coil Unit, Rm 1009C -
4600-ATS0001	Automatic Transfer Switch, Rm 1009A
4600-CBP0001	Circuit Breaker Panel, Room 1009A E Wall
4600-CBP0002	Circuit Breaker Panel, Room 1009C E Wall
4600-CBP0003	Circuit Breaker Panel, Room 1009C E Wall
4600-CBP0004	Circuit Breaker Panel, Room 1009C E Wall
4600-CBP0005	Circuit Breaker Panel, Room 1009C E Wall
4600-CBP0006	Circuit Breaker Panel, Room 1002 N Wall
4600-CBS0002	Circuit Breaker Starter, Roof at ERU-1
4600-CBS0003	Circuit Breaker Starter, Roof at Exhaust Fan 1
4600-CBS0004	Circuit Breaker Starter, Roof at ERU-2
4600-CBS0005	Circuit Breaker Starter, Roof at Exhaust Fan 2
4600-CHLR0001	Water Fountain Chiller, Hallway By Rm 1005, above ceiling
4600-CHLR0002	Water Fountain Chiller, Hallway By Staircase, above ceiling
4600-CHLR0003	Water Fountain Chiller, Hallway By Rm 2005, above ceiling
4600-CHLR0004	Water Fountain Chiller, Hallway By Rm 2401, above ceiling
4600-CHLR0005	Water Fountain Chiller, Hallway By Rm 3005, above ceiling
4600-CHLR0006	Water Fountain Chiller, Hallway By Rm 3401, above ceiling
4600-CHLR0007	Water Fountain Chiller, Hallway By Rm 4005, above ceiling
4600-CHLR0008	Water Fountain Chiller, Hallway By Rm 4401, above ceiling
4600-CHLR0009	Water Fountain Chiller, Hallway By Rm 5401, above ceiling
4600-CHLR0010	Water Fountain Chiller, Hallway By Rm 5005, above ceiling
4600-CHWP0001	Chill Water Pump, Rm 1002 - Disconnect at pump

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4600-CHWP0002	Chill Water Pump, Rm 1002 - Disconnect at pump
4600-CNDP0001	Condensate Pump, Steam-Driven, Rm 1002
4600-COIL0001	VAV/Reheat Coil, Outside Rm 1102A (VAV 1-101)
4600-COIL0002	VAV/Reheat Coil, Rm 1102B (VAV 1-102)
4600-COIL0003	VAV/Reheat Coil, Rm 1102C (VAV 1-103)
4600-COIL0004	VAV/Reheat Coil, Rm 1102F (VAV 1-104)
4600-COIL0005	VAV/Reheat Coil, Rm 1102D (VAV 1-105)
4600-COIL0006	VAV/Reheat Coil, Rm 1102E (VAV 1-106)
4600-COIL0007	VAV/Reheat Coil, Rm 1102 (VAV 1-107)
4600-COIL0008	VAV/Reheat Coil, Rm 1105 (VAV 1-108)
4600-COIL0009	VAV/Reheat Coil, Rm 1107 (VAV 1-109)
4600-COIL0010	VAV/Reheat Coil, Hallway Outside Rm 1106 (VAV 1-110)
4600-COIL0011	VAV/Reheat Coil, Rm 1103 (VAV 1-111)
4600-COIL0012	VAV/Reheat Coil, Hallway Between Rm 1103/1107 (VAV 1-112)
4600-COIL0013	VAV/Reheat Coil, Rm 1108 (VAV 1-113)
4600-COIL0014	VAV/Reheat Coil, Outside Rm 1105 (VAV 1-114)
4600-COIL0015	VAV/Reheat Coil, Outside Rm 1106 (VAV 1-115)
4600-COIL0016	VAV/Reheat Coil, Rm 1007 (VAV 1-116)
4600-COIL0017	VAV/Reheat Coil, Rm 1304 (VAV 1-117)
4600-COIL0018	VAV/Reheat Coil, South of Rm 1304 (VAV 1-118)
4600-COIL0019	VAV/Reheat Coil, Rm 1005 (VAV 1-119)
4600-COIL0020	VAV/Reheat Coil, Entry to Rm 1327 (VAV 1-120)
4600-COIL0021	VAV/Reheat Coil, Rm 1327 (VAV 1-121)
4600-COIL0022	VAV/Reheat Coil, South of Rm 1327 (VAV 1-122)
4600-COIL0023	VAV/Reheat Coil, Rm 1321 (VAV 1-123)
4600-COIL0024	VAV/Reheat Coil, Hallway NW of Rm 1321 (VAV 1-124)
4600-COIL0025	VAV/Reheat Coil, Entry to Rm 1316 (VAV 1-125)
4600-COIL0026	VAV/Reheat Coil, Rm 1310 (VAV 1-126)
4600-COIL0027	VAV/Reheat Coil, Hallway N of Rm 1312 (VAV 1-127)
4600-COIL0028	VAV/Reheat Coil, Rm 1313 (VAV 1-128)
4600-COIL0029	VAV/Reheat Coil, Rm 1201 (VAV 3-101)
4600-COIL0030	VAV/Reheat Coil, Outside Rm 1201C (VAV 3-102)
4600-COIL0031	VAV/Reheat Coil, Outside Doorway to Rm 1201C (VAV 3-103)
4600-COIL0032	VAV/Reheat Coil, Outside Doorway to Rm 1201B (VAV 3-104)
4600-COIL0033	VAV/Reheat Coil, Rm 1201 (VAV 3-105)
4600-COIL0034	VAV/Reheat Coil, Outside Doorway to Rm 1201A (VAV 3-106)
4600-COIL0035	VAV/Reheat Coil, Rm 1201E (VAV 3-107)
4600-COIL0036	VAV/Reheat Coil, East of Rm 1207 (VAV 3-108)
4600-COIL0037	VAV/Reheat Coil, Rm 1208 (VAV 3-109)
4600-COIL0038	VAV/Reheat Coil, Outside Doorway to Rm 1208 (VAV 3-110)
4600-COIL0039	VAV/Reheat Coil, Outside Doorway to Rm 1212 (VAV 3-111)
4600-COIL0040	VAV/Reheat Coil, Rm 1214 (VAV 3-112)
4600-COIL0041	VAV/Reheat Coil, Outside Doorway to Rm 1213 (VAV 3-113)
4600-COIL0042	VAV/Reheat Coil, Rm 1204 (VAV 3-114)
4600-COIL0043	VAV/Reheat Coil, Rm 1204 (VAV 3-115)
4600-COIL0044	VAV/Reheat Coil, Hallway NW of Rm 1011 (VAV 3-116)
4600-COIL0045	VAV/Reheat Coil, Rm 1215 SW Corner (VAV 3-117)
4600-COIL0046	VAV/Reheat Coil, Outside Doorway to Rm 1011 (VAV 3-118)
4600-COIL0047	VAV/Reheat Coil, Rm 1012 NW Corner (VAV 3-119)
4600-COIL0048	VAV/Reheat Coil, Rm 1403 (VAV 3-120)
4600-COIL0049	VAV/Reheat Coil, Rm 1404 (VAV 3-121)
4600-COIL0050	VAV/Reheat Coil, Entrance to Rm 1404 (VAV 3-122)
4600-COIL0051	VAV/Reheat Coil, NE Corner of Rm 1404 (VAV 3-123)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4600-COIL0052	VAV/Reheat Coil, SW of Rm 1401 (VAV 3-124)
4600-COIL0053	VAV/Reheat Coil, SE of Rm 1401 (VAV 3-125)
4600-COIL0054	VAV/Reheat Coil, Rm 1420 (VAV 3-126)
4600-COIL0055	VAV/Reheat Coil, South of Rm 1419 (VAV 3-127)
4600-COIL0056	VAV/Reheat Coil, Between Rm 1409/1418 (VAV 3-128)
4600-COIL0057	VAV/Reheat Coil, Rm 1407 (VAV 3-129)
4600-COIL0058	VAV/Reheat Coil, Rm 2123 (VAV 1-201)
4600-COIL0059	VAV/Reheat Coil, Outside Entrance to Rm 2101 (VAV 1-202)
4600-COIL0060	VAV/Reheat Coil, Outside Entrance to Rm 2102 (VAV 1-203)
4600-COIL0061	VAV/Reheat Coil, Rm 2116 (VAV 1-204)
4600-COIL0062	VAV/Reheat Coil, Outside NW Corner of Rm 2115 (VAV 1-205)
4600-COIL0063	VAV/Reheat Coil, Rm 2117 (VAV 1-206)
4600-COIL0064	VAV/Reheat Coil, Rm 2112 (VAV 1-207)
4600-COIL0065	VAV/Reheat Coil, Outside Entrance to Rm 2103 (VAV 1-208)
4600-COIL0066	VAV/Reheat Coil, Outside Entrance to Rm 2104 (VAV 1-209)
4600-COIL0067	VAV/Reheat Coil, Outside Rm 2108 (VAV 1-210)
4600-COIL0068	VAV/Reheat Coil, Rm 2107 (VAV 1-211)
4600-COIL0069	VAV/Reheat Coil, Outside Entrance to Rm 2106 (VAV 1-212)
4600-COIL0070	VAV/Reheat Coil, Outside Entrance to Rm 2105 (VAV 1-213)
4600-COIL0071	VAV/Reheat Coil, NE Corner of Rm 2001 (VAV 1-214)
4600-COIL0072	VAV/Reheat Coil, S Outside of Rm 2103 (VAV 1-215)
4600-COIL0073	VAV/Reheat Coil, Rm 2002 (VAV 1-216)
4600-COIL0074	VAV/Reheat Coil, E Wall of Rm 2001 (VAV 1-217)
4600-COIL0075	VAV/Reheat Coil, Hallway Between Rm 2326/2318 (VAV 1-218)
4600-COIL0076	VAV/Reheat Coil, Rm 2313 (VAV 1-219)
4600-COIL0077	VAV/Reheat Coil, NW of Rm 2313 (VAV 1-220)
4600-COIL0078	VAV/Reheat Coil, Rm 2313 (VAV 1-221)
4600-COIL0079	VAV/Reheat Coil, Rm 2305 (VAV 1-222)
4600-COIL0080	VAV/Reheat Coil, Rm 2309 (VAV 1-223)
4600-COIL0081	VAV/Reheat Coil, Between Rm 2308/2310 (VAV 1-224)
4600-COIL0082	VAV/Reheat Coil, Between Rm 2306/2301 (VAV 1-225)
4600-COIL0083	VAV/Reheat Coil, Outside N Rm 2325 (VAV 1-226)
4600-COIL0084	VAV/Reheat Coil, Outside N Rm 2321 (VAV 1-227)
4600-COIL0085	VAV/Reheat Coil, Outside N Between Rm 2308/2321 (VAV 1-228)
4600-COIL0086	VAV/Reheat Coil, Between Rm 2125/2221 (VAV 3-201)
4600-COIL0087	VAV/Reheat Coil, Rm 2216 (VAV 3-202)
4600-COIL0088	VAV/Reheat Coil, Above Entrance to Rm 2217 (VAV 3-203)
4600-COIL0089	VAV/Reheat Coil, Rm 2208 (VAV 3-204)
4600-COIL0090	VAV/Reheat Coil, Rm 2207 (VAV 3-205)
4600-COIL0091	VAV/Reheat Coil, Between Rm 2210/2206 (VAV 3-206)
4600-COIL0092	VAV/Reheat Coil, Outside Entrance to Rm 2201 (VAV 3-207)
4600-COIL0093	VAV/Reheat Coil, Outside Entrance to Rm 2202 (VAV 3-208)
4600-COIL0094	VAV/Reheat Coil, Outside Entrance to Rm 2203 (VAV 3-209)
4600-COIL0095	VAV/Reheat Coil, Outside Entrance to Rm 2204 (VAV 3-210)
4600-COIL0096	VAV/Reheat Coil, Outside Entrance to Rm 2205 (VAV 3-211)
4600-COIL0097	VAV/Reheat Coil, S of Rm 2203 (VAV 3-212)
4600-COIL0098	VAV/Reheat Coil, N Wall Rm 2012 (VAV 3-213)
4600-COIL0099	VAV/Reheat Coil, N Wall Rm 2013 (VAV 3-214)
4600-COIL0100	VAV/Reheat Coil, W Wall Rm 2013 (VAV 3-215)
4600-COIL0101	VAV/Reheat Coil, Outside W Rm 2423 (VAV 3-216)
4600-COIL0102	VAV/Reheat Coil, Outside N Rm 2423 (VAV 3-217)
4600-COIL0103	VAV/Reheat Coil, Rm 2425 (VAV 3-218)
4600-COIL0104	VAV/Reheat Coil, Outside N Rm 2425 (VAV 3-219)

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LOCATION	DESCRIPTION
4600-COIL0105	VAV/Reheat Coil, Outside N Rm 2427 (VAV 3-220)
4600-COIL0106	VAV/Reheat Coil, Outside N Between Rm 2427/2410 (VAV 3-221)
4600-COIL0107	VAV/Reheat Coil, Rm 2415 (VAV 3-222)
4600-COIL0108	VAV/Reheat Coil, Rm 2400 (VAV 3-223)
4600-COIL0109	VAV/Reheat Coil, Outside NW Corner of Rm 2405 (VAV 3-224)
4600-COIL0110	VAV/Reheat Coil, Rm 2410 (VAV 3-225)
4600-COIL0111	VAV/Reheat Coil, Outside N of Rm 2409 (VAV 3-226)
4600-COIL0112	VAV/Reheat Coil, Rm 3114 (VAV 2-301)
4600-COIL0113	VAV/Reheat Coil, Rm 3109 (VAV 2-302)
4600-COIL0114	VAV/Reheat Coil, Rm 3100 (VAV 2-303)
4600-COIL0115	VAV/Reheat Coil, Between Rm 3118/3224 (VAV 2-304)
4600-COIL0116	VAV/Reheat Coil, W End of Rm 3120 (VAV 2-305)
4600-COIL0117	VAV/Reheat Coil, Outside Entrance to Rm 3104 (VAV 2-306)
4600-COIL0118	VAV/Reheat Coil, Outside Entrance to Rm 3103 (VAV 2-307)
4600-COIL0119	VAV/Reheat Coil, Outside Entrance to Rm 3102 (VAV 2-308)
4600-COIL0120	VAV/Reheat Coil, Outside NW of Rm 3002 (VAV 2-309)
4600-COIL0121	VAV/Reheat Coil, Outside W of Rm 3101 (VAV 2-310)
4600-COIL0122	VAV/Reheat Coil, Outside N of Rm 3002 (VAV 2-311)
4600-COIL0123	VAV/Reheat Coil, Outside NW of Rm 3005 (VAV 2-312)
4600-COIL0124	VAV/Reheat Coil, Outside S of Rm 3015 (VAV 2-313)
4600-COIL0125	VAV/Reheat Coil, Rm 3315 (VAV 2-314)
4600-COIL0126	VAV/Reheat Coil, Rm 3318 (VAV 2-315)
4600-COIL0127	VAV/Reheat Coil, Rm 3300 (VAV 2-316)
4600-COIL0128	VAV/Reheat Coil, Outside NE of Rm 3303 (VAV 2-317)
4600-COIL0129	VAV/Reheat Coil, Rm 3306 (VAV 2-318)
4600-COIL0130	VAV/Reheat Coil, Between Rm 3301/3306 (VAV 2-319)
4600-COIL0131	VAV/Reheat Coil, Outside NE of Rm 3314 (VAV 2-320)
4600-COIL0132	VAV/Reheat Coil, Outside NW of Rm 3314 (VAV 2-321)
4600-COIL0133	VAV/Reheat Coil, N Rm 3313 (VAV 2-322)
4600-COIL0134	VAV/Reheat Coil, SE Corner of Rm 3301 (VAV 2-323)
4600-COIL0135	VAV/Reheat Coil, Outside SE Corner of Rm 3223 (VAV 4-301)
4600-COIL0136	VAV/Reheat Coil, Outside S Rm 3222 (VAV 4-302)
4600-COIL0137	VAV/Reheat Coil, Outside SE Rm 3215 (VAV 4-303)
4600-COIL0138	VAV/Reheat Coil, Rm 3217 (VAV 4-304)
4600-COIL0139	VAV/Reheat Coil, W Rm 3212 (VAV 4-305)
4600-COIL0140	VAV/Reheat Coil, N of Rm 3214 (VAV 4-306)
4600-COIL0141	VAV/Reheat Coil, N of Rm 3213 (VAV 4-307)
4600-COIL0142	VAV/Reheat Coil, E Wall Rm 3203 (VAV 4-308)
4600-COIL0143	VAV/Reheat Coil, Outside W Wall Rm 3205 (VAV 4-309)
4600-COIL0144	VAV/Reheat Coil, Outside N Entrance to Rm 3013 (VAV 4-310)
4600-COIL0145	VAV/Reheat Coil, Rm 3200 (VAV 4-311)
4600-COIL0146	VAV/Reheat Coil, Outside E Rm 3204 (VAV 4-312)
4600-COIL0147	VAV/Reheat Coil, Outside NE Rm 3401 (VAV 4-313)
4600-COIL0148	VAV/Reheat Coil, Between Rm 3325/3425 (VAV 4-314)
4600-COIL0149	VAV/Reheat Coil, Rm 3425 (VAV 4-315)
4600-COIL0150	VAV/Reheat Coil, Outside N of Rm 3425 (VAV 4-316)
4600-COIL0151	VAV/Reheat Coil, Rm 3417 (VAV 4-317)
4600-COIL0152	VAV/Reheat Coil, Rm 3421 (VAV 4-318)
4600-COIL0153	VAV/Reheat Coil, Rm 3400 (VAV 4-319)
4600-COIL0154	VAV/Reheat Coil, Outside Entrance to Rm 3406 (VAV 4-320)
4600-COIL0155	VAV/Reheat Coil, Outside Entrance to Rm 3405 (VAV 4-321)
4600-COIL0156	VAV/Reheat Coil, Outside Entrance to Rm 3404 (VAV 4-322)
4600-COIL0157	VAV/Reheat Coil, Rm 3408 (VAV 4-323)

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LOCATION	DESCRIPTION
4600-COIL0158	VAV/Reheat Coil, Outside Entrance to Rm 3403 (VAV 4-324)
4600-COIL0159	VAV/Reheat Coil, Outside Entrance to Rm 3402 (VAV 4-325)
4600-COIL0160	VAV/Reheat Coil, Outside S Rm 3009B (VAV 4-326)
4600-COIL0161	VAV/Reheat Coil, Outside SW Rm 3401 (VAV 4-327)
4600-COIL0162	VAV/Reheat Coil, Outside S Entrance to Rm 3401 (VAV 4-328)
4600-COIL0163	VAV/Reheat Coil, S End Rm 3013 (VAV 4-329)
4600-COIL0164	VAV/Reheat Coil, Rm 4115 (VAV 2-401)
4600-COIL0165	VAV/Reheat Coil, NE Corner Rm 4114 (VAV 2-402)
4600-COIL0166	VAV/Reheat Coil, Rm 4116 (VAV 2-403)
4600-COIL0167	VAV/Reheat Coil, N of Rm 4101 (VAV 2-404)
4600-COIL0168	VAV/Reheat Coil, Outside Entrance to Rm 4101 (VAV 2-405)
4600-COIL0169	VAV/Reheat Coil, SE Corner Rm 4003 (VAV 2-406)
4600-COIL0170	VAV/Reheat Coil, Between Rm 4102/4106 (VAV 2-407)
4600-COIL0171	VAV/Reheat Coil, Between Rm 4104/4112 (VAV 2-408)
4600-COIL0172	VAV/Reheat Coil, Between Rm 4103/4107 (VAV 2-409)
4600-COIL0173	VAV/Reheat Coil, Outside SE Rm 4106 (VAV 2-410)
4600-COIL0174	VAV/Reheat Coil, Rm 4106 (VAV 2-411)
4600-COIL0175	VAV/Reheat Coil, Outside S Rm 4106 (VAV 2-412)
4600-COIL0176	VAV/Reheat Coil, Outside SE Rm 4003 (VAV 2-413)
4600-COIL0177	VAV/Reheat Coil, Rm 4314 (VAV 2-414)
4600-COIL0178	VAV/Reheat Coil, Rm 4313 (VAV 2-415)
4600-COIL0179	VAV/Reheat Coil, Rm 4300 (VAV 2-416)
4600-COIL0180	VAV/Reheat Coil, Outside NE Rm 4305 (VAV 2-417)
4600-COIL0181	VAV/Reheat Coil, Rm 4306 (VAV 2-418)
4600-COIL0182	VAV/Reheat Coil, Rm 4325 (VAV 2-419)
4600-COIL0183	VAV/Reheat Coil, N Wall Rm 4327 (VAV 2-420)
4600-COIL0184	VAV/Reheat Coil, Between Rm 4310/4327 (VAV 2-421)
4600-COIL0185	VAV/Reheat Coil, Between Rm 4310/4327 (VAV 2-422)
4600-COIL0186	VAV/Reheat Coil, E Wall Rm 4301 (VAV 2-423)
4600-COIL0187	VAV/Reheat Coil, SE Corner Rm 4001 (VAV 2-424)
4600-COIL0188	VAV/Reheat Coil, Outside SW Corner Rm 4217 (VAV 4-401)
4600-COIL0189	VAV/Reheat Coil, Rm 4212 (VAV 4-402)
4600-COIL0190	VAV/Reheat Coil, Outside NW Corner Rm 4207 (VAV 4-403)
4600-COIL0191	VAV/Reheat Coil, W Wall Rm 4207 (VAV 4-404)
4600-COIL0192	VAV/Reheat Coil, Rm 4213 (VAV 4-405)
4600-COIL0193	VAV/Reheat Coil, Outside SE Corner Rm 4210 (VAV 4-406)
4600-COIL0194	VAV/Reheat Coil, Outside NE Corner Rm 4014 (VAV 4-407)
4600-COIL0195	VAV/Reheat Coil, W Wall Rm 4202 (VAV 4-408)
4600-COIL0196	VAV/Reheat Coil, Outside NE Entrance to Rm 4012 (VAV 4-409)
4600-COIL0197	VAV/Reheat Coil, E of Rm 4200A (VAV 4-410)
4600-COIL0198	VAV/Reheat Coil, Outside SE Corner Rm 4200A (VAV 4-411)
4600-COIL0199	VAV/Reheat Coil, Outside SE Corner Rm 4014 (VAV 4-412)
4600-COIL0200	VAV/Reheat Coil, Rm 4417 (VAV 4-413)
4600-COIL0201	VAV/Reheat Coil, Rm 4416 (VAV 4-414)
4600-COIL0202	VAV/Reheat Coil, NE of Rm 4417 (VAV 4-415)
4600-COIL0203	VAV/Reheat Coil, Between Rm 4417/4415 (VAV 4-416)
4600-COIL0204	VAV/Reheat Coil, Between Rm 4407/4405 (VAV 4-417)
4600-COIL0205	VAV/Reheat Coil, Between Rm 4409/4405 (VAV 4-418)
4600-COIL0206	VAV/Reheat Coil, Between 4409/4404 (VAV 4-419)
4600-COIL0207	VAV/Reheat Coil, Rm 4409 (VAV 4-420)
4600-COIL0208	VAV/Reheat Coil, Rm 4428 (VAV 4-421)
4600-COIL0209	VAV/Reheat Coil, S of Rm 4009B (VAV 4-422)
4600-COIL0210	VAV/Reheat Coil, N of Rm 4430 (VAV 4-423)

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LOCATION	DESCRIPTION
4600-COIL0211	VAV/Reheat Coil, Outside S Entrance to Rm 4401 (VAV 4-424)
4600-COIL0212	VAV/Reheat Coil, Outside W Rm 4403 (VAV 4-425)
4600-COIL0213	VAV/Reheat Coil, SW Corner Rm 4012 (VAV 4-426)
4600-COIL0214	VAV/Reheat Coil, Rm 5124 (VAV 2-501)
4600-COIL0215	VAV/Reheat Coil, Rm 5125 (VAV 2-502)
4600-COIL0216	VAV/Reheat Coil, Between Rm 5125/5109 (VAV 2-503)
4600-COIL0217	VAV/Reheat Coil, Between Rm 5103/5127 (VAV 2-504)
4600-COIL0218	VAV/Reheat Coil, Outside N Rm 5116 (VAV 2-505)
4600-COIL0219	VAV/Reheat Coil, Outside N Rm 5114 (VAV 2-506)
4600-COIL0220	VAV/Reheat Coil, Outside N Rm 5112 (VAV 2-507)
4600-COIL0221	VAV/Reheat Coil, Outside N Rm 5110 (VAV 2-508)
4600-COIL0222	VAV/Reheat Coil, Rm 5101 (VAV 2-509)
4600-COIL0223	VAV/Reheat Coil, Outside NE Rm 5001 (VAV 2-510)
4600-COIL0224	VAV/Reheat Coil, Outside SW Rm 5106 (VAV 2-511)
4600-COIL0225	VAV/Reheat Coil, Between Rm 5101/5106 (VAV 2-512)
4600-COIL0226	VAV/Reheat Coil, Outside S Rm 5108 (VAV 2-513)
4600-COIL0227	VAV/Reheat Coil, Between Rm 5313/5316 (VAV 2-514)
4600-COIL0228	VAV/Reheat Coil, S of Rm 5313 (VAV 2-515)
4600-COIL0229	VAV/Reheat Coil, SW of Rm 5313 (VAV 2-516)
4600-COIL0230	VAV/Reheat Coil, Between Rm 5303/5306 (VAV 2-517)
4600-COIL0231	VAV/Reheat Coil, Rm 5306 (VAV 2-518)
4600-COIL0232	VAV/Reheat Coil, Between Rm 5302/5307 (VAV 2-519)
4600-COIL0233	VAV/Reheat Coil, Between Rm 5301/5307 (VAV 2-520)
4600-COIL0234	VAV/Reheat Coil, Between Rm 5319/5315 (VAV 2-521)
4600-COIL0235	VAV/Reheat Coil, N Wall Rm 5319 (VAV 2-522)
4600-COIL0236	VAV/Reheat Coil, N Wall Rm 5318 (VAV 2-523)
4600-COIL0237	VAV/Reheat Coil, Between Rm 5309/5314 (VAV 2-524)
4600-COIL0238	VAV/Reheat Coil, Between Rm 5311/5315 (VAV 2-525)
4600-COIL0239	VAV/Reheat Coil, SE Corner Rm 5001 (VAV 2-526)
4600-COIL0240	VAV/Reheat Coil, Outside Entrance to Rm 5211 (VAV 4-501)
4600-COIL0241	VAV/Reheat Coil, Outside Entrance to Rm 5206 (VAV 4-502)
4600-COIL0242	VAV/Reheat Coil, Outside NE Rm 5205 (VAV 4-503)
4600-COIL0243	VAV/Reheat Coil, Outside NE Rm 5204 (VAV 4-504)
4600-COIL0244	VAV/Reheat Coil, Outside Entrance to Rm 5203 (VAV 4-505)
4600-COIL0245	VAV/Reheat Coil, Outside Entrance to Rm 5202 (VAV 4-506)
4600-COIL0246	VAV/Reheat Coil, W Wall Rm 5213 (VAV 4-507)
4600-COIL0247	VAV/Reheat Coil, Rm 5208 (VAV 4-508)
4600-COIL0248	VAV/Reheat Coil, Outside S Rm 5213 (VAV 4-509)
4600-COIL0249	VAV/Reheat Coil, Outside S Rm 5207 (VAV 4-510)
4600-COIL0250	VAV/Reheat Coil, Between Rm 5202/5201 (VAV 4-511)
4600-COIL0251	VAV/Reheat Coil, S Rm 5201 (VAV 4-512)
4600-COIL0252	VAV/Reheat Coil, N Entrance Rm 5011 (VAV 4-513)
4600-COIL0253	VAV/Reheat Coil, Outside S of Rm 5202 (VAV 4-514)
4600-COIL0254	VAV/Reheat Coil, W Wall Rm 5409 (VAV 4-515)
4600-COIL0255	VAV/Reheat Coil, Rm 5409 (VAV 4-516)
4600-COIL0256	VAV/Reheat Coil, SE Corner Rm 5403 (VAV 4-517)
4600-COIL0257	VAV/Reheat Coil, W Wall Rm 5403 (VAV 4-518)
4600-COIL0258	VAV/Reheat Coil, NE Corner Rm 5403 (VAV 4-519)
4600-COIL0259	VAV/Reheat Coil, SW Outside Entrance to Rm 5403A (VAV 4-520)
4600-COIL0260	VAV/Reheat Coil, Rm 5413 (VAV 4-521)
4600-COIL0261	VAV/Reheat Coil, Rm 5412 (VAV 4-522)
4600-COIL0262	VAV/Reheat Coil, S of Rm 5009B (VAV 4-523)
4600-COIL0263	VAV/Reheat Coil, SW of Rm 5401 (VAV 4-524)

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LOCATION	DESCRIPTION
4600-COIL0264	VAV/Reheat Coil, Outside S Entrance to Rm 5401 (VAV 4-525)
4600-COIL0265	VAV/Reheat Coil, NW Corner Rm 5403A (VAV 4-526)
4600-COIL0266	VAV/Reheat Coil, SW Corner Rm 5201C (VAV 4-527)
4600-COIL0267	Chilled Water Coil, AH0001, Rm 6001
4600-COIL0268	Hot Water/Steam Coil, AH0001, Rm 6001
4600-COIL0269	Chilled Water Coil, AH0002, Rm 6001
4600-COIL0270	Hot Water/Steam Coil, AH0002, Rm 6001
4600-COIL0271	Chilled Water Coil, AH0003, Rm 6003
4600-COIL0272	Hot Water/Steam Coil, AH0003, Rm 6003
4600-COIL0273	Chilled Water Coil, AH0004, Rm 6003
4600-COIL0274	Hot Water/Steam Coil, AH0004, Rm 6003
4600-COIL0275	Chilled Water Coil, AH0005, Rm 1009C
4600-COIL0276	Hot Water/Steam Coil, AH0005, Rm 1009C
4600-ELEV0001	Hydraulic Elevator, Rm 1009C - Disconnect at elevator
4600-ELEV0002	Hydraulic Elevator, Rm 1009C - Disconnect at elevator
4600-ELEV0003	Hydraulic Elevator, Rm 1009C - Disconnect at elevator
4600-ELEV0004	Hydraulic Elevator, Rm 1009C - Disconnect at elevator
4600-ERU0001	Energy Recovery Unit, Roof
4600-ERU0002	Energy Recovery Unit, Roof
4600-FAS0001	Fire Alarm System Panel, Rm 1009B
4600-FIRP0001	Fire Pump, Rm 1001 - Disconnect at pump
4600-GEN0001	Generator, Outside West
4600-HWHD0001	Hot Water Heater - Domestic, Rm 1002 - Disconnect at heater
4600-HWP0001	Hot Water Pump, Rm 1002 - Disconnect at pump
4600-HWP0002	Hot Water Pump, Rm 1002 - Disconnect at pump
4600-HWP0003	Hot Water Pump, Booster, Rm 1002 - Disconnect at pump
4600-LP0001	Lighting Panel, Rm 1009A
4600-LP0002	Lighting Panel, Rm 1009A
4600-LP0003	Lighting Panel, Rm 2009A
4600-LP0004	Lighting Panel, Rm 3009A
4600-LP0005	Lighting Panel, Rm 4009A
4600-LP0006	Lighting Panel, Rm 5009A
4600-LP0007	Lighting Panel, W Eq. Room Roof, E-6
4600-LP0008	Lighting Panel, E Eq. Room Roof, E-7,
4600-LTS0001	Emergency Lighting - North Entrance
4600-LTS0002	Emergency Lighting - North Lobby West Entrance
4600-LTS0003	Emergency Lighting - North Lobby East Entrance
4600-LTS0004	Emergency Lighting - North West Light in Elevator Lobby
4600-LTS0005	Emergency Lighting - North East Light in Elevator Lobby
4600-LTS0006	Emergency Lighting - South East Light in Elevator Lobby
4600-LTS0007	Emergency Lighting - South Lobby West Entrance
4600-LTS0008	Emergency Lighting - South Lobby East Entrance
4600-LTS0009	Emergency Lighting - South Entrance
4600-LTS0010	Emergency Lighting - West Entrance
4600-LTS0011	Emergency Lighting - West Entrance Corridor
4600-LTS0012	Emergency Lighting - Outside Rm 1005 North (Break Room)
4600-LTS0013	Emergency Lighting - Outside Rm 1006 (Men's Room)
4600-LTS0014	Emergency Lighting - Outside Rm 1007 (Women's Room)
4600-LTS0015	Emergency Lighting - Rm 1006 (Men's Room)
4600-LTS0016	Emergency Lighting - Rm 1007 (Women's Room)
4600-LTS0017	Emergency Lighting - Outside Rm 1009 (West of Room)
4600-LTS0018	Emergency Lighting - Outside Rm 1009 (East of Room)
4600-LTS0019	Emergency Lighting - Outside East Stairwell

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LOCATION	DESCRIPTION
4600-LTS0020	Emergency Lighting - Outside Rm 1011 (West of Room)
4600-LTS0021	Emergency Lighting - Outside Rm 1012 (Break Room)
4600-LTS0022	Emergency Lighting - Rm 1012 (Break Room) at East Entrance
4600-LTS0023	Emergency Lighting - Hallway Outside Rm 1108 (Conf. Room)
4600-LTS0024	Emergency Lighting - Hallway Outside Rm 2001 (Break Rm)
4600-LTS0025	Emergency Lighting - Hallway Outside Rm 2002
4600-LTS0026	Emergency Lighting - Hallway Outside Rm 2003
4600-LTS0027	Emergency Lighting - Hallway Outside Rm 2006 (Men's Room)
4600-LTS0028	Emergency Lighting - Rm 2006 (Men's Room)
4600-LTS0029	Emergency Lighting - Rm 2007 (Women's Room)
4600-LTS0030	Emergency Lighting - Hallway Outside Rm 2007 (Women's Room)
4600-LTS0031	Emergency Lighting - Hallway Outside Rm 2014 (Conf. Room)
4600-LTS0032	Emergency Lighting - Hallway Outside Rm 2014 (Conf. Room)
4600-LTS0033	Emergency Lighting - Elevator Lobby at ELEV#1 (NW ELEV)
4600-LTS0034	Emergency Lighting - Elevator Lobby at ELEV#4 (SE ELEV)
4600-LTS0035	Emergency Lighting - Hallway Outside Rm 2009
4600-LTS0036	Emergency Lighting - Rm 2014 (Conf. Room)
4600-LTS0037	Emergency Lighting - Rm 2014 (Conf. Room)
4600-LTS0038	Emergency Lighting - Hallway Outside Rm 2401
4600-LTS0039	Emergency Lighting - Hallway Outside Rm 2011 (W Light)
4600-LTS0040	Emergency Lighting - Hallway Outside Rm 2011 (E Light)
4600-LTS0041	Emergency Lighting - Hallway North Outside Rm 2013 (Conf. Rm)
4600-LTS0042	Emergency Lighting - Hallway South Outside Rm 2013 (Conf. Rm)
4600-LTS0043	Emergency Lighting - Hallway Outside Rm 3001 (Break Rm)
4600-LTS0044	Emergency Lighting - Hallway Outside Rm 3003
4600-LTS0045	Emergency Lighting - Hallway Outside West Stairwell Entrance
4600-LTS0046	Emergency Lighting - Hallway Outside Rm 3006 (Men's Rm)
4600-LTS0047	Emergency Lighting - Hallway Outside Rm 3007A
4600-LTS0048	Emergency Lighting - Rm 3006 (Men's Room)
4600-LTS0049	Emergency Lighting - Rm 3007 (Women's Room)
4600-LTS0050	Emergency Lighting - Hallway Outside Rm 3014 (Conf. Rm)
4600-LTS0051	Emergency Lighting - Hallway Outside Rm 3014 (Conf. Rm)
4600-LTS0052	Emergency Lighting - Elevator Lobby at ELEV#1 (NW ELEV)
4600-LTS0053	Emergency Lighting - Elevator Lobby at ELEV#4 (SE ELEV)
4600-LTS0054	Emergency Lighting - Hallway Outside Rm 3008 (Conf Rm)
4600-LTS0055	Emergency Lighting - Hallway Outside Rm 3401
4600-LTS0056	Emergency Lighting - Hallway Outside Rm 3011 (W Light)
4600-LTS0057	Emergency Lighting - Hallway Outside Rm 3011 (E Light)
4600-LTS0058	Emergency Lighting - Hallway Outside Rm 3013 (Conf Rm)
4600-LTS0059	Emergency Lighting - Hallway Outside Rm 4001 (Break Rm)
4600-LTS0060	Emergency Lighting - Hallway Outside W Stairwell Ent. (W Light)
4600-LTS0061	Emergency Lighting - Hallway Outside W Stairwell Ent. (E Light)
4600-LTS0062	Emergency Lighting - Hallway Outside Rm 4003
4600-LTS0063	Emergency Lighting - Hallway Outside Rm 4008
4600-LTS0064	Emergency Lighting - Rm 4006 (Men's Rm)
4600-LTS0065	Emergency Lighting - Rm 4007 (Women's Rm)
4600-LTS0066	Emergency Lighting - Hallway Outside Rm 4013 (Conf Rm)
4600-LTS0067	Emergency Lighting - Hallway Outside Rm 4013 (Conf Rm)
4600-LTS0068	Emergency Lighting - Elevator Lobby at ELEV#1 (NW ELEV)
4600-LTS0069	Emergency Lighting - Elevator Lobby at ELEV#4 (SE ELEV)
4600-LTS0070	Emergency Lighting - Rm 4013 (Conf Rm)
4600-LTS0071	Emergency Lighting - Rm 4013 (Conf Rm)
4600-LTS0072	Emergency Lighting - Hallway Outside Rm 4009

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4600-LTS0073	Emergency Lighting - Hallway Outside Rm 4401
4600-LTS0074	Emergency Lighting - Hallway Outside East Stairwell (W Light)
4600-LTS0075	Emergency Lighting - Hallway Outside East Stairwell (E Light)
4600-LTS0076	Emergency Lighting - Hallway Outside Rm 4012 (Break Rm)
4600-LTS0077	Emergency Lighting - Hallway Outside Rm 5001 (Break Rm)
4600-LTS0078	Emergency Lighting - Hallway Outside W Stairwell (W Light)
4600-LTS0079	Emergency Lighting - Hallway Outside W Stairwell (E Light)
4600-LTS0080	Emergency Lighting - Hallway Outside Rm 5006 (Men's Rm)
4600-LTS0081	Emergency Lighting - Rm 5006 (Men's Rm)
4600-LTS0082	Emergency Lighting - Rm 5007 (Women's Rm)
4600-LTS0083	Emergency Lighting - Hallway Outside Rm 5008
4600-LTS0084	Emergency Lighting - Hallway Outside Rm 5014
4600-LTS0085	Emergency Lighting - Hallway Outside Rm 5014
4600-LTS0086	Emergency Lighting - Elevator Lobby at ELEV#1 (NW ELEV)
4600-LTS0087	Emergency Lighting - Elevator Lobby at ELEV#4 (SE ELEV)
4600-LTS0088	Emergency Lighting - Hallway Outside Rm 5009
4600-LTS0089	Emergency Lighting - Hallway Outside Rm 5401 (W of Rm)
4600-LTS0090	Emergency Lighting - Hallway Outside East Stairwell
4600-LTS0091	Emergency Lighting - Hallway Outside Rm 5011 (S of Entrance)
4600-LTS0092	Emergency Lighting - Hallway Outside Rm 5403
4600-LTS0093	Emergency Lighting - West Stairwell at 5th Floor
4600-LTS0094	Emergency Lighting - West Stairwell between 5th and 4th Floor
4600-LTS0095	Emergency Lighting - West Stairwell at 4th Floor
4600-LTS0096	Emergency Lighting - West Stairwell between 4th and 3rd Floor
4600-LTS0097	Emergency Lighting - West Stairwell at 3rd Floor
4600-LTS0098	Emergency Lighting - West Stairwell between 3rd and 2nd Floor
4600-LTS0099	Emergency Lighting - West Stairwell at 2nd Floor
4600-LTS0100	Emergency Lighting - West Stairwell between 1st and 2nd Floor
4600-LTS0101	Emergency Lighting - West Stairwell at 1st Floor
4600-LTS0102	Emergency Lighting - East Stairwell at 1st Floor
4600-LTS0103	Emergency Lighting - East Stairwell between 1st and 2nd Floor
4600-LTS0104	Emergency Lighting - East Stairwell at 2nd Floor
4600-LTS0105	Emergency Lighting - East Stairwell between 2nd and 3rd Floor
4600-LTS0106	Emergency Lighting - East Stairwell at 3rd Floor
4600-LTS0107	Emergency Lighting - East Stairwell between 3rd and 4th Floor
4600-LTS0108	Emergency Lighting - East Stairwell at 4th Floor
4600-LTS0109	Emergency Lighting - East Stairwell between 4th and 5th Floor
4600-LTS0110	Emergency Lighting - East Stairwell at 5th Floor
4600-LWP0001	Loop Water Pump, Rm 6001 - Disconnect at pump
4600-LWP0002	Loop Water Pump, Rm 6003 - Disconnect at pump
4600-PMP0001	Jockey Pump, Rm 1001 - Disconnect at pump
4600-PMP0002	Potable Water Pump, Rm 1002 - Disconnect at pump
4600-PMP0003	Potable Water Pump, Rm 1002 - Disconnect at pump
4600-PMP0004	Pond Pump, Outside at Pond
4600-PP0001	Power Panel, Rm 2009A
4600-PP0002	Power Panel, Rm 1002
4600-PP0003	Power Panel, Rm 1002
4600-PP0004	Power Panel, W Eq. Room Roof, E-6
4600-PP0005	Power Panel, E Eq. Room Roof, E-7,
4600-RAF0001	Return Air Fan, Rm 6001 -
4600-RAF0002	Return Air Fan, Rm 6001 -
4600-RAF0003	Return Air Fan, Rm 6003 -
4600-RAF0004	Return Air Fan, Rm 6003 -

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4600-REC0001	Solar Power Rectifier, Rm 5009A
4600-ROOF0001	Roof, Main,4600
4600-ROOF0002	Roof, E. Penthouse,4600
4600-ROOF0003	Roof, W. Penthouse,4600
4600-ROOF0004	Roof, N.E. Canopy, 4600
4600-ROOF0005	Roof, N.W. Canopy, 4600
4600-ROOF0006	Roof, S.W. Canopy, 4600
4600-ROOF0007	Roof, S.E. Canopy, 4600
4600-RP0001	Receptacle Panel, Rm 2009A
4600-RP0002	Receptacle Panel, Rm 1009B
4600-RP0003	Receptacle Panel, Rm 3009A
4600-RP0004	Receptacle Panel, Rm 4009A
4600-RP0005	Receptacle Panel, Rm 5009A
4600-RP0006	Receptacle Panel, Rm 1009B
4600-RP0007	Receptacle Panel, Rm 1009A
4600-RP0008	Receptacle Panel, Rm 1009A
4600-RP0009	Receptacle Panel, Rm 2009A
4600-RP0010	Receptacle Panel, Rm 2009A
4600-RP0011	Receptacle Panel, Rm 2009A
4600-RP0012	Receptacle Panel, Rm 3009A
4600-RP0013	Receptacle Panel, Rm 3009A
4600-RP0014	Receptacle Panel, Rm 3009A
4600-RP0015	Receptacle Panel, Rm 4009A
4600-RP0016	Receptacle Panel, Rm 4009A
4600-RP0017	Receptacle Panel, Rm 4009A
4600-RP0018	Receptacle Panel, Rm 5009A
4600-RP0019	Receptacle Panel, Rm 5009A
4600-RP0020	Receptacle Panel, Rm 5009A
4600-SOLAR0001	Solar Panel Array, Roof
4600-SS0001	Safety Switch, Room 1009C E Wall
4600-SS0002	Safety Switch, Room 1009C E Wall
4600-SS0003	Safety Switch, Room 1009C E Wall
4600-SS0004	Safety Switch, Room 1009C E Wall
4600-SS0005	Safety Switch, Room 2009B N Wall
4600-SS0006	Safety Switch, Room 2009B N Wall
4600-SS0007	Safety Switch, Room 2009B N Wall
4600-SS0008	Safety Switch, Room 4009A W Wall
4600-SS0009	Safety Switch, Room 4009A N Wall
4600-SS0010	Safety Switch, Room 5009A W Wall
4600-SS0011	Safety Switch, Roof NW
4600-SS0012	Safety Switch, Roof SW
4600-SS0013	Safety Switch, Roof NE
4600-SS0014	Safety Switch, Roof SE
4600-SS0015	Safety Switch, Roof at ERU-1
4600-SS0016	Safety Switch, Roof at ERU-2
4600-STRT0001	Starter, Room 1009A N Wall
4600-STRT0002	Starter, Room 1009A N Wall
4600-SWBD0001	Switchboard, Rm 1009A
4600-UH0001	Unit Heater, Steam, Rm 1001
4600-UH0002	Unit Heater, Steam, Rm 1002
4600-UH0003	Unit Heater, Steam, Rm 1002
4600-UH0004	Unit Heater, Steam, Rm 1002
4600-UH0005	Unit Heater, Steam, Rm 6001

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4600-UH0006	Unit Heater, Steam, Rm 6001
4600-UH0007	Unit Heater, Steam, Rm 6003
4600-UH0008	Unit Heater, Steam, Rm 6003
4600-UH0009	Unit Heater, Steam, 6th floor stairs, outside Rm 6003
4600-VSC0001	Variable Frequency Drive, Rm 1002
4600-VSC0002	Variable Frequency Drive, Rm 1002
4600-VSC0003	Variable Frequency Drive, Rm 1002 (Assoc. W/ CHWP1)
4600-VSC0004	Variable Frequency Drive, Rm 1002 (Assoc. W/ CHWP2)
4600-VSC0005	Variable Frequency Drive, Rm 1002 (Assoc. W/ HWP2)
4600-VSC0006	Variable Frequency Drive, Rm 1002 (Assoc. W/ HWP1)
4600-VSC0007	Variable Frequency Drive, W Eq. Room Roof, E-6, Assoc. W/ RAF-2
4600-VSC0008	Variable Frequency Drive, W Eq. Room Roof, E-6, Assoc. W/ LWP-1
4600-VSC0009	Variable Frequency Drive, W Eq. Room Roof, E-6, Assoc. W/ AH-2
4600-VSC0010	Variable Frequency Drive, W Eq. Room Roof, E-6, Assoc. W/ AH-1
4600-VSC0011	Variable Frequency Drive, W Eq. Room Roof, E-6, Assoc. W/ RAF-1
4600-VSC0012	Variable Frequency Drive, E Eq. Room Roof, E-7, Assoc. W/ AH-4
4600-VSC0013	Variable Frequency Drive, E Eq. Room Roof, E-7, Assoc. W/ AH-3
4600-VSC0014	Variable Frequency Drive, E Eq. Room Roof, E-7, Assoc. W/ RAF-4
4600-VSC0015	Variable Frequency Drive, E Eq. Room Roof, E-7, Assoc. W/ RAF-3
4600-VSC0016	Variable Frequency Drive, E Eq. Room Roof, E-7, Assoc. W/ LWP-2
4600-XFMR0001	Transformer, Rm 2009A
4600-XFMR0002	Transformer, Rm 1009B
4600-XFMR0003	Transformer, Rm 1009A
4600-XFMR0004	Transformer, Rm 1002
4600-XFMR0005	Transformer, Rm 1002
4600-XFMR0006	Transformer, Rm 2009A
4600-XFMR0007	Transformer, Rm 3009A
4600-XFMR0008	Transformer, Rm 5009A
4600-XFMR0009	Transformer, W Eq. Room Roof, E-6
4600-XFMR0010	Transformer, E Eq. Room Roof, E-7,
4604-DOOR0001	Roll-Up Door, East Side, South
4604-DOOR0002	Roll-Up Door, East Side, North
4604-FAC0001	Environmental Control System, Kamag Transporter
4604-FAC0002	Instrumentation Controls System, Kamag
4604-FAC0003	Payload Shipping Container, Kamag
4604-FAS0001	Fire Alarm System, Bldg 4604
4604-LC0001	Lighting Contactor, Room 100 S.E.
4604-LTS0001	Emergency Lighting - Dry Cell, Rm 100 West
4604-LTS0002	Emergency Lighting - Dry Cell, Rm 100 South
4604-PNL0001	Panel Board, Rm 100, S.E.
4604-PNL0002	Panel Board, Rm 100, S.E.
4604-ROOF0001	Roof, Main, Bldg 4604
4604-ROOF0002	Roof, Bldg 4604
4604-SS0001	Safety Switch, Outside S.E.
4604-XFMR0001	Transformer, Rm 100, S.E.
4605-ADRY0001	Air Dryer, Rm 31 - Disconnect at dryer
4605-AH0001	Air Handling Unit, Rm 31 - Disconnect on unit
4605-AH0002	Air Handling Unit, Rm 32 - Disconnect on unit
4605-ATS0001	Auto Transfer Switch, Rm 30
4605-BFP0001	Back Flow Preventer - Hot Water, Rm 31
4605-BFP0002	Back Flow Preventer - Chilled Water, Rm 31
4605-BLR0001	Electric Boiler, Rm 31 - Disconnect at boiler
4605-CBS0001	Circuit Breaker Starter, E-04

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4605-CHLR0001	Water Chiller, Outside West
4605-CHWP0001	Chill Water Pump, Rm 31 - Disconnect at pump
4605-CHWP0002	Chill Water Pump, Rm 31 - Disconnect at pump
4605-CNDP0001	Condensate Return Pump - Rm 31/E1
4605-COIL001A	Chilled Water Coil, AH0001, Rm 31
4605-COIL001B	Hot Water/Steam Coil, AH0001, Rm 31
4605-COIL002A	Chilled Water Coil, AH0002, Rm 32
4605-COIL002B	Hot Water/Steam Coil, AH0002, Rm 32
4605-CONT0001	Contactor, Room 2
4605-CRU0001	Computer Room Unit, Rm 9 - Disconnect at unit
4605-CRU0002	Computer Room Unit, Rm 10 - Disconnect at unit
4605-DXAC0001	Direct Expansion AC Unit, Rm 14 - Disconnect at unit
4605-DXAC0001	Direct Expansion AC Unit, Rm 14 - Disconnect at unit
4605-EW0001	Safety Eyewash, Rm 12
4605-EW0002	Safety Eyewash, Test Cell 13D/1
4605-EW0003	Safety Eyewash, Main Room
4605-EW0004	Safety Eyewash, Test Cell 3
4605-EW0005	Safety Eyewash, Test Cell 2
4605-EW0006	Safety Eye Wash, Test Cell 3
4605-FAS0001	Fire Alarm System, Main Entrance North
4605-FID0001	Field Interface Device, Rm 9
4605-FWP0001	Pump Feed Water, E-01, Room 31
4605-GEN0001	Emergency Generator, Rm 30
4605-HST0001	1/2-Ton Chain Hoist, Test Cell 13D/1
4605-HST0002	2-Ton Electric Hoist, Test Cell 2 - Disconnect at NORTH WALL
4605-HWHD0001	Hot Water Heater - Domestic, Rm 31 - Disconnect at heater
4605-HWP0001	Hot Water Pump, Rm 31 - Disconnect at pump
4605-HWP0002	Hot Water Pump, Rm 31 - Disconnect at pump
4605-HWP0003	Hot Water Pump, Rm 31 - Disconnect at pump
4605-LDRL0001	Drill Press, Rm 12 - Disconnect at CORD AND PLUG
4605-LLTH0001	Lathe, Rm 12 - DISCONNECT ON SOUTH WALL
4605-LMIL0001	Milling Machine, Rm 12 - DISCONNECT ON EAST WALL
4605-LSAW0001	Band Saw, Rm 12 - Disconnect at CORD AND PLUG
4605-LTS0001	Emergency Lighting - Hallway Enter in Ceiling
4605-LTS0002	Emergency Lighting - Rm 11 East Wall
4605-LTS0003	Emergency Lighting - Test Cell 3A W. Wall
4605-LTS0004	Emergency Lighting - Test Cell 3 S. Wall
4605-LTS0005	Emergency Lighting - Test Cell 13D/1 N. Wall
4605-LTS0006	Emergency Lighting - Test Cell 2 S. Wall
4605-MCC0001	Motor Control Center, Room E-01
4605-ODT0001	Oxygen Detection System, Rm 10
4605-PNL0001	Panel Board, Rm 30
4605-PNL0002	Panel Board, Rm 31
4605-PNL0003	Panel Board, Rm 9, Hallway
4605-PNL0004	Panel Board, Rm 11
4605-PNL0005	Panel Board, Rm 12
4605-PNL0006	Panel Board, Rm 12
4605-PNL0007	Panel Board, Rm 9
4605-PNL0008	Panel Board, Rm 9
4605-PNL0009	Panel Board, Rm 9
4605-PNL0010	Panel Board, Rm 12
4605-PNL0011	Panel Board, Test Cell 3
4605-PNL0012	Panel Board, Rm 13B

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4605-PNL0013	Panel Board, Rm 13B
4605-PNL0014	Panel Board, Rm 13B
4605-PNL0015	Panel Board, Test Cell 3
4605-PNL0016	Panel Board, Test Cell 13D/1
4605-PNL0017	Panel Board, Test Cell 2
4605-PNL0018	Panel Board, Rm 32
4605-PNL0019	Panel Board, Rm 32
4605-PNL0020	Panel Board, Rm 32
4605-PNL0021	Panel Board, Rm 32
4605-PNL0022	Panel Board, Rm 32
4605-PNL0023	Panel Board, Rm 14
4605-ROOF0001	Roof, Main, Bldg 4605
4605-ROOF0002	Roof, Bldg 4605
4605-ROOF0003	Roof, Bldg 4605
4605-ROOF0004	Roof, Bldg 4605
4605-SHEW0001	Safety Shower & Eyewash, Outside West
4605-SS0001	Safety Switch, Room E-03
4605-SS0002	Safety Switch, Room E-03
4605-SS0003	Safety Switch, Room E-01
4605-SS0004	Safety Switch, Room E-01
4605-SS0005	Safety Switch, Room E-01
4605-SS0006	Safety Switch, Room E-01
4605-SS0007	Safety Switch, Room E-01
4605-SS0008	Safety Switch, W. Outside, At Chiller
4605-SS0009	Safety Switch, South Outside
4605-SS0010	Safety Switch, South Outside
4605-SS0011	Safety Switch, Room E-04
4605-SS0012	Safety Switch, Room E-04
4605-SS0013	Safety Switch, Room 9
4605-SS0014	Safety Switch, Room 10
4605-SS0015	Safety Switch, Room 10
4605-SS0016	Safety Switch, Room 11
4605-SS0017	Safety Switch, Room 11
4605-SS0018	Safety Switch, Room 11
4605-SS0019	Safety Switch, Room 12
4605-SS0020	Safety Switch, Room 12
4605-SS0021	Safety Switch, Room 12
4605-SS0022	Safety Switch, Room 12
4605-SS0023	Safety Switch, Room 12
4605-SS0024	Safety Switch, Room 12
4605-SS0025	Safety Switch, Room 12
4605-SS0026	Safety Switch, Room 13A
4605-SS0027	Safety Switch, Room 13A
4605-SS0028	Safety Switch, Room 13A
4605-SS0029	Safety Switch, Room 13
4605-SS0030	Safety Switch, Room 13
4605-SS0031	Safety Switch, Room 13
4605-SS0032	Safety Switch, Room 13
4605-SS0033	Safety Switch, Room 13
4605-SS0034	Safety Switch, Room 13
4605-SS0035	Safety Switch, Room 14
4605-SS0036	Safety Switch, Room 14
4605-SS0037	Safety Switch, Room 14

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4605-SS0038	Safety Switch, Room 13C
4605-SS0039	Safety Switch, Room 13C
4605-SSS0001	Starter Safety Switch, Room E-04
4605-SSS0002	Starter Safety Switch, Room E-04
4605-STRT0001	Starter, Room E-01
4605-STRT0002	Starter, Room E-01
4605-STRT0003	Starter, Room E-02
4605-STRT0004	Starter, Room 13
4605-STRT0005	Starter, Room 13
4605-STRT0006	Starter, Room 13D
4605-STRT0007	Starter, Room 13D
4605-SUB0001	Substation, West Side
4605-SWBD0001	Switch Board, Rm 30
4605-SWBD0002	Switch Board, Rm 31
4605-TMR0001	Timer, Room 2
4605-UH0001	Unit Heater, E-01, Room 31
4605-XFMR0001	Transformer, Rm 30
4605-XFMR0002	Transformer, Rm 30
4605-XFMR0003	Transformer, Rm 32
4607-ACMP0001	Air Compressor, Rm. 110
4607-ACMP0002	Air Compressor, Rm. 110
4607-ACMP0003	Air Compressor, Rm. 110
4607-ACMP0004	Air Compressor, Rm. 110
4607-ACMP0005	Air Compressor, Rm. 110
4607-ACMP0006	Air Compressor, Rm. 110
4607-ACMP0007	Air Compressor, Rm. 110
4607-ACMP0008	Air Compressor, Rm. 110
4607-ACMP0009	Air Compressor, Rm. 110
4607-ACMP0010	Air Compressor, Rm. 110
4607-ACMP0011	Air Compressor, Rm. 110
4607-ACMP0012	Air Compressor, Rm. 110
4607-ACMP0013	Air Compressor, Rm. 110
4607-ACMP0014	Air Compressor Sprinkler, Rm 112
4607-ADRY0001	Air Dryer, Rm 110
4607-ADRY0002	Air Dryer, Rm 110
4607-ADRY0003	Air Dryer, Rm 110
4607-ADRY0004	Air Dryer, Rm 110
4607-ADRY0005	Air Dryer, Rm 110
4607-BPD0001	Buss Plug Disconnect, Room 109
4607-BPD0002	Buss Plug Disconnect, Room 109
4607-BPD0003	Buss Plug Disconnect, Room 109
4607-BPD0004	Buss Plug Disconnect, Room 109
4607-CRN0001	20-Ton Bridge Crane, High Bay, Rm 110 - Disconnect at EAST WALL CENTER
4607-CTWR0001	Cooling Tower (South Tower), West Outside - Disconnect on west side
4607-CTWR0002	Cooling Tower (North Tower), West Outside - Disconnect west side
4607-CWP0001	Condenser Water Pump, West Outside - Disconnect at pump
4607-CWP0002	Condenser Water Pump, West Outside - Disconnect at pump
4607-CWP0003	Condenser Water Pump, West Outside - Disconnect at pump
4607-CWP0004	Condenser Water Pump, West Outside - Disconnect at pump
4607-DOOR0001	Roll-Up Door Electric, Rm 110 Nw Crnr
4607-DOOR0002	Roll-Up Door Electric, Rm 110 Ne Crnr
4607-DOOR0003	Roll-Up Door Electric, Rm 109 W Wall
4607-DOOR0004	Roll-Up Door Electric, Rm 109 W Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4607-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4607-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4607-DXAC0002	Direct Expansion AC Unit, Rm 109 - Disconnect at unit
4607-DXAC0002	Direct Expansion AC Unit, Rm 109 - Disconnect at unit
4607-EAF0001	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0002	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0003	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0004	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0005	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0006	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0007	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0008	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0009	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0010	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0011	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0012	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0013	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0014	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0015	Exhaust Blower Fan, High Bay, West Wall, Rm 110 - Disconnect at fan motor
4607-EAF0016	Exhaust Fan, High Bay, West Side, Rm 110
4607-EAF0017	Exhaust Fan, East Side Roof
4607-EAF0018	Exhaust Fan, East Side Roof
4607-EAF0019	Exhaust Fan, East Side Roof
4607-EAF0020	Exhaust Fan, East Side Roof
4607-EAF0021	Exhaust Fan, East Side Roof
4607-EAF0022	Exhaust Fan, East Side Roof
4607-EAF0023	Exhaust Fan, East Side Roof
4607-EAF0024	Exhaust Fan, East Side Roof
4607-FAS0001	Fire Alarm System, Rm 104
4607-LTS0001	Emergency Lighting - Outside Front Foyer
4607-LTS0002	Emergency Lighting - Outside Room 108
4607-LTS0003	Emergency Lighting - Outside Room 109
4607-LTS0004	Emergency Lighting - Outside Room 111
4607-LTS0005	Emergency Lighting - Outside Room 112
4607-MCC0001	Motor Control Center, High Bay, West Wall, Rm 110
4607-MCC0002	Motor Control Center, Rm 109
4607-MCC0003	Motor Control Center, Rm 111
4607-MCC0004	Motor Control Center, High Bay, West Wall, Rm 110
4607-PNL0001	Panel Board, High Bay, West Wall, Rm 110
4607-PNL0002	Panel Board, High Bay, West Wall, Rm 110
4607-PNL0003	Panel Board, High Bay, West Wall, Rm 110
4607-PNL0004	Panel Board, High Bay, West Wall, Rm 110
4607-PNL0005	Panel Board, Outside Rm 102
4607-PNL0006	Panel Board, Outside Rm 102
4607-ROOF0001	Roof, Main, Bldg 4607
4607-ROOF0002	Roof, East, Bldg 4607
4607-SAF0001	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0002	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0003	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0004	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0005	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0006	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0007	Supply Air Fan, High Bay, West Wall, Rm 110

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4607-SAF0008	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0009	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0010	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0011	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0012	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0013	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0014	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0015	Supply Air Fan, High Bay, West Wall, Rm 110
4607-SAF0016	Supply Air Fan, West Wall Rm 110
4607-SPR0001	Sprinkler System, Rm 112
4607-SS0001	Safety Switch, Outside Room 112
4607-SS0002	Safety Switch, W. Door Operator
4607-SS0003	Safety Switch, Ne Door Operator
4607-SS0004	Safety Switch, Room 112
4607-SS0005	Safety Switch, Room 109, N. Wall
4607-SS0006	Safety Switch, Room 109, N. Wall
4607-SS0007	Safety Switch, Room 109, W. Wall
4607-SS0008	Safety Switch, Room 109, W. Wall
4607-SS0009	Safety Switch, Outside N. Yard
4607-SS0010	Safety Switch, Outside S. Yard
4607-SSS0001	Starter Safety Switch, Rear Yard, Sump Pump
4607-SWBD0001	Switch Board, Rm 111
4607-SWGR0001	Switch Gear, Rm 111
4607-SWGR0002	Switch Gear, Rm 111
4607-UH0001	Unit Heater Electric, Rm 110 E Wall
4607-UH0002	Unit Heater Electric, Rm 110 E Wall
4607-UH0003	Unit Heater Electric, Rm 110 E Wall
4607-UH0004	Unit Heater Electric, Rm 110 W Wall
4607-UH0005	Unit Heater Electric, Rm 110 W Wall
4607-UH0006	Unit Heater Electric, Rm 110 W Wall
4607-UH0007	Unit Heater Electric, Rm 110 W Wall
4607-UH0008	Unit Heater Electric, Rm 110 W Wall
4607-UH0009	Unit Heater Electric, Rm 110 W Wall
4607-UH0010	Unit Heater Electric, Rm 110 W Wall
4607-UH0011	Unit Heater Electric, Rm 110 W Wall
4607-UH0012	Unit Heater Electric, Rm 110 W Wall
4607-UH0013	Unit Heater Electric, Rm 110 E Wall
4607-UH0014	Unit Heater Electric, Rm 110 E Wall
4607-UH0015	Unit Heater Electric, Rm 110 E Wall
4607-UH0016	Unit Heater Electric, Rm 110 E Wall
4607-UH0017	Unit Heater Electric, Rm 110 E Wall
4607-XFMR0001	Transformer, High Bay, West Wall, Rm 110
4607-XFMR0002	Transformer, Outside Rm 102
4607-XFMR0003	Transformer, High Bay, West Wall, Rm 110
4608-ROOF0001	Roof, Bldg 4608
4610-ACMP0001	Air Compressor Controller, Rm B101/Rm E1 - Disconnect room E1
4610-ACMP0002	Air Compressor Controller, Rm 2009/Rm E5
4610-ACMP0003	Air Compressor Controller, Rm B101/Rm E1 - Disconnect room E1
4610-ADRY0001	Air Dryer, Rm B101/Rm E1 - Disconnect room E1
4610-ADRY0002	Air Dryer, Rm Rm 2009/Rm E5 - Disconnect in room E5
4610-AH0001	Air Handling Unit, Kitchen, Rm C104 - Disconnect on unit
4610-AH0002	Air Handling Unit, Over Ovens, Kitchen, Rm C104 - Disconnect on unit
4610-AH0003	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-AH0003	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
4610-AH0004	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
4610-AH0004	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
4610-AH0005	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
4610-AH0005	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
4610-AH0007	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
4610-AH0008	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
4610-AH0009	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
4610-AH0010	Air Handling Unit, Rm 1031 - Disconnect on unit
4610-AH0011	Air Handling Unit, Rm 1031 - Disconnect on unit
4610-AH0012	Air Handling Unit, Rm 2047, Overhead
4610-AH0013	Air Handling Unit, Rm 2047, Overhead
4610-AH0020	Air Handling Unit, Rm Rm 2009/Rm E5 - Disconnect in room E5
4610-AH0021	Air Handling Unit, Rm Rm 2009/Rm E5 - Disconnect in room E5
4610-AH0022	Air Handling Unit, Rm 2037/Rm E6 - Disconnect in room E6
4610-AH0023	Air Handling Unit, Stair Landing, 2nd Floor - Disconnect on unit
4610-AH0024	Air Handling Unit, West Stairs, 2nd Floor - Disconnect on unit
4610-AH0025	Air Handling Unit, Rm 2037/Rm E6 - Disconnect in room E6
4610-AH0026	Air Handling Unit, Rm 2084 - Disconnect on unit
4610-AH0030	Air Handling Unit, Rm 3017 - Disconnect on unit
4610-AH0031	Air Handling Unit, Rm 3076A - Disconnect on unit
4610-AH0040	Air Handling Unit, Rm 3015/Rm E08 - Disconnect in room E8
4610-AH0041	Air Handling Unit, Rm 3015/Rm E08 - Disconnect in room E8
4610-AH0042	Air Handling Unit, Rm 3035 - Disconnect on unit
4610-AH0043	Air Handling Unit, Rm 3035 - Disconnect on unit
4610-AH0044	Air Handling Unit, Rm 3035 - Disconnect on unit
4610-AH00B1	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
4610-AH00B2	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
4610-AH00B3	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
4610-ATS0001	Auto Transfer Switch, E-12, Battery Room
4610-ATS0002	Auto Transfer Switch, Outside South
4610-BATB0001	Battery Bank, Rm 1047/Rm E12
4610-BFP0001	Back Flow Preventer - Hot Water, Rm B101/E1
4610-BFP0002	Back Flow Preventer - Hot Water, Rm B101/E1
4610-BFP0003	Back Flow Preventer - Hot Water, Rm B100/E2
4610-BLR0001	Steam Boiler, Rm B100/Rm E02 - Disconnect room E2
4610-CBP0001	Circuit Breaker Panel, Room E-2
4610-CBP0002	Circuit Breaker Panel, Café, Rm C-110
4610-CBP0003	Circuit Breaker Panel, Room 4001B
4610-CBP0004	Circuit Breaker Panel, Room 5001A
4610-CBP0006	Circuit Breaker Panel, Room 4033A
4610-CBP0007	Circuit Breaker Panel, Room 3063B
4610-CBP0008	Circuit Breaker Panel, Room E-12
4610-CBP0009	Circuit Breaker Panel, Room E-01, W. Wall
4610-CBP0010	Circuit Breaker Panel, Room 1025A
4610-CBP0011	Circuit Breaker Panel, Ctr. Elevator Penthouse
4610-CHWP0001	Chill Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-CHWP0002	Chill Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-CNDP0001	Condensate Return Pump - Disconnect at pump
4610-CNDP0002	Condensate Return Pump - Disconnect at pump
4610-CNDP0003	Condensate Return Pump - Disconnect at pump
4610-CNDP0004	Condensate Return Pump - Disconnect at pump
4610-CNDP0005	Condensate Return Pump - Disconnect at pump

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-CNDP0006	Condensate Return Pump - Disconnect at pump
4610-CNDP0007	Condensate Return Pump - Disconnect at pump
4610-CNDP0008	Condensate Return Pump - Disconnect at pump
4610-COIL0001	VAV/Reheat Coil, Entrance (AH#3 VAV#1)
4610-COIL0002	VAV/Reheat Coil, Hallway (AH#B-2 VAV#3)
4610-COIL0003	VAV/Reheat Coil, Hallway (AH#B-2 VAV#4)
4610-COIL0004	VAV/Reheat Coil, Hallway (AH#B-3 VAV#1)
4610-COIL0005	VAV/Reheat Coil, Hallway (AH#5 VAV#4)
4610-COIL0006	VAV/Reheat Coil, Hallway (AH#5 VAV#3)
4610-COIL0007	VAV/Reheat Coil, Rm 1000 (AH#8)
4610-COIL0008	VAV/Reheat Coil, Rm 1001A (AH#7)
4610-COIL0009	VAV/Reheat Coil, Rm 1010 (AH#9)
4610-COIL0010	VAV/Reheat Coil, Rm 1023 (AH#10)
4610-COIL0011	VAV/Reheat Coil, Rm 1039 (AH#10)
4610-COIL0012	VAV/Reheat Coil, Rm 1045 (AH#11)
4610-COIL0013	VAV/Reheat Coil, Rm 1047/E12 (AH#11)
4610-COIL0014	VAV/Reheat Coil, Rm 1051 (AH#4 VAV#16)
4610-COIL0015	VAV/Reheat Coil, Rm 1052 (AH#11)
4610-COIL0016	VAV/Reheat Coil, Rm 1054 (AH#5 VAV#2)
4610-COIL0017	VAV/Reheat Coil, Rm 1057 (AH#4 VAV#2)
4610-COIL0018	VAV/Reheat Coil, Rm 1058B (AH#3 VAV#2)
4610-COIL0019	VAV/Reheat Coil, Rm 1060A (AH#5 VAV#17)
4610-COIL0020	VAV/Reheat Coil, Rm 1063 (AH#4 VAV#1)
4610-COIL0021	VAV/Reheat Coil, Rm 1064A (AH#B-1 VAV#1)
4610-COIL0022	VAV/Reheat Coil, Rm 1068 (AH#B-2 VAV#1)
4610-COIL0023	VAV/Reheat Coil, Rm 1070 (CVU-1)
4610-COIL0024	VAV/Reheat Coil, Rm 1071 (AH#B-3 VAV#4)
4610-COIL0025	VAV/Reheat Coil, Rm 1073 (CVU-7)
4610-COIL0026	VAV/Reheat Coil, Rm 1074 (AH#B-1 VAV#2)
4610-COIL0027	VAV/Reheat Coil, Rm 1075 (AH#B-2 VAV#2)
4610-COIL0028	VAV/Reheat Coil, Rm 1077A (AH#B-3 VAV#3)
4610-COIL0029	VAV/Reheat Coil, Rm 1080 (CVU-2)
4610-COIL0030	VAV/Reheat Coil, Rm 1080A (AH#B-1 VAV#3)
4610-COIL0031	VAV/Reheat Coil, Rm 1081 (CVU-6)
4610-COIL0032	VAV/Reheat Coil, Rm 1085 (AH#B-1 VAV#5)
4610-COIL0033	VAV/Reheat Coil, Rm 1085A (AH#B-1 VAV#4)
4610-COIL0034	VAV/Reheat Coil, Rm 1085B (CVU-4)
4610-COIL0035	VAV/Reheat Coil, Rm 1085D (CVU-5)
4610-COIL0036	VAV/Reheat Coil, Rm 1085D (AH#B-3 VAV#2)
4610-COIL0037	VAV/Reheat Coil, Rm 1086 (CVU-3)
4610-COIL0038	VAV/Reheat Coil, Hallway (AH#B-2 VAV#7)
4610-COIL0039	VAV/Reheat Coil, Rm 2005 (AH#20)
4610-COIL0040	VAV/Reheat Coil, Rm 2009 (AH#20)
4610-COIL0041	VAV/Reheat Coil, Rm 2009/E5 (AH#21)
4610-COIL0042	VAV/Reheat Coil, Rm 2018 (AH#21)
4610-COIL0043	VAV/Reheat Coil, Rm 2027 (AH#25)
4610-COIL0044	VAV/Reheat Coil, Rm 2037/E6 (AH#25)
4610-COIL0045	VAV/Reheat Coil, Rm 2037 (AH#22)
4610-COIL0046	VAV/Reheat Coil, Rm 2044 (AH#22)
4610-COIL0047	VAV/Reheat Coil, Rm 2045 (AH#12)
4610-COIL0048	VAV/Reheat Coil, Rm 2047 (AH#12)
4610-COIL0049	VAV/Reheat Coil, Rm 2047 (AH#13)
4610-COIL0050	VAV/Reheat Coil, Rm 2049 (AH#13)

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-COIL0051	VAV/Reheat Coil, Rm 2053 (AH#5 VAV#5)
4610-COIL0052	VAV/Reheat Coil, Rm 2056 (AH#3 VAV#3)
4610-COIL0053	VAV/Reheat Coil, Rm 2057 (AH#4 VAV#5)
4610-COIL0054	VAV/Reheat Coil, Rm 2060 (AH#5 VAV#6)
4610-COIL0055	VAV/Reheat Coil, Rm 2060 (AH#5 VAV#7)
4610-COIL0056	VAV/Reheat Coil, Rm 2062 (AH#3 VAV#4)
4610-COIL0057	VAV/Reheat Coil, Rm 2065 (AH#4 VAV#4)
4610-COIL0058	VAV/Reheat Coil, Rm 2067 (AH#4 VAV#3)
4610-COIL0059	VAV/Reheat Coil, Rm 2077 (AH#B-3 VAV#10)
4610-COIL0060	VAV/Reheat Coil, Rm 2080 (AH#B-1 VAV#6)
4610-COIL0061	VAV/Reheat Coil, Rm 2082 (AH#B-1 VAV#7)
4610-COIL0062	VAV/Reheat Coil, Rm 2085 (AH#B-3 VAV#9)
4610-COIL0063	VAV/Reheat Coil, Rm 2089 (AH#B-3 VAV#8)
4610-COIL0064	VAV/Reheat Coil, Rm 2092 (AH#B-1 VAV#8)
4610-COIL0065	VAV/Reheat Coil, Rm 2093 (AH#B-3 VAV#7)
4610-COIL0066	VAV/Reheat Coil, Rm 2098 (AH#B-2 VAV#6)
4610-COIL0067	VAV/Reheat Coil, Rm 2098A (AH#B-1 VAV#9)
4610-COIL0068	VAV/Reheat Coil, Rm 2098D (AH#B-1 VAV#10)
4610-COIL0069	VAV/Reheat Coil, Rm 2098G (AH#B-3 VAV#5)
4610-COIL0070	VAV/Reheat Coil, Rm 2099 (AH#B-3 VAV#6)
4610-COIL0071	VAV/Reheat Coil, Hallway (AH#B-3 VAV#10)
4610-COIL0072	VAV/Reheat Coil, Hallway (AH#B-2 VAV#11)
4610-COIL0073	VAV/Reheat Coil, Hallway (AH#B-2 VAV#8)
4610-COIL0074	VAV/Reheat Coil, Rm 3015 (AH#40)
4610-COIL0075	VAV/Reheat Coil, Rm 3015/E8 (AH#41)
4610-COIL0076	VAV/Reheat Coil, Rm 3017 (AH#30)
4610-COIL0077	VAV/Reheat Coil, Rm 3018 (AH#41)
4610-COIL0078	VAV/Reheat Coil, Rm 3023 (AH#40)
4610-COIL0079	VAV/Reheat Coil, Rm 3033 (AH#42)
4610-COIL0080	VAV/Reheat Coil, Rm 3035 (AH#42)
4610-COIL0081	VAV/Reheat Coil, Rm 3035 (AH#43)
4610-COIL0082	VAV/Reheat Coil, Rm 3035 (AH#44)
4610-COIL0083	VAV/Reheat Coil, Rm 3043 (AH#43)
4610-COIL0084	VAV/Reheat Coil, Rm 3048 (AH#42)
4610-COIL0085	VAV/Reheat Coil, Rm 3049 (AH#4 VAV#6)
4610-COIL0086	VAV/Reheat Coil, Rm 3055 (AH#4 VAV#9)
4610-COIL0087	VAV/Reheat Coil, Rm 3061 (AH#4 VAV#8)
4610-COIL0088	VAV/Reheat Coil, Rm 3062 (AH#5 VAV#9)
4610-COIL0089	VAV/Reheat Coil, Rm 3066 (AH#3 VAV#5)
4610-COIL0090	VAV/Reheat Coil, Rm 3066 (AH#5 VAV#10)
4610-COIL0091	VAV/Reheat Coil, Rm 3069 (AH#4 VAV#7)
4610-COIL0092	VAV/Reheat Coil, Rm 3070 (AH#3 VAV#6)
4610-COIL0093	VAV/Reheat Coil, Rm 3073 (AH#B-3 VAV#16)
4610-COIL0094	VAV/Reheat Coil, Rm 3077 (AH#B-3 VAV#15)
4610-COIL0095	VAV/Reheat Coil, Rm 3080 (AH#B-1 VAV#11)
4610-COIL0096	VAV/Reheat Coil, Rm 3087 (AH#B-3 VAV#14)
4610-COIL0097	VAV/Reheat Coil, Rm 3091 (AH#B-3 VAV#13)
4610-COIL0098	VAV/Reheat Coil, Rm 3092 (AH#B-1 VAV#12)
4610-COIL0099	VAV/Reheat Coil, Rm 3097 (AH#B-3 VAV#12)
4610-COIL0100	VAV/Reheat Coil, Rm 3098A (AH#B-1 VAV#13)
4610-COIL0101	VAV/Reheat Coil, Rm 3098D (AH#B-1 VAV#14)
4610-COIL0102	VAV/Reheat Coil, Rm 3098E (AH#B-3 VAV#11)
4610-COIL0103	VAV/Reheat Coil, Hallway (AH#B-2 VAV#15)

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-COIL0104	VAV/Reheat Coil, Hallway (AH#5 VAV#12)
4610-COIL0105	VAV/Reheat Coil, Rm 4003 (AH#4 VAV#12)
4610-COIL0106	VAV/Reheat Coil, Rm 4006 (AH#3 VAV#7)
4610-COIL0107	VAV/Reheat Coil, Rm 4010 (AH#5 VAV#20)
4610-COIL0108	VAV/Reheat Coil, Rm 4013 (AH#4 VAV#11)
4610-COIL0109	VAV/Reheat Coil, Rm 4014 (AH#5 VAV#21)
4610-COIL0110	VAV/Reheat Coil, Rm 4015 (AH#5 VAV#22)
4610-COIL0111	VAV/Reheat Coil, Rm 4016 (AH#5 VAV#23)
4610-COIL0112	VAV/Reheat Coil, Rm 4017 (AH#4 VAV#10)
4610-COIL0113	VAV/Reheat Coil, Rm 4018 (AH#3 VAV#8)
4610-COIL0114	VAV/Reheat Coil, Rm 4026 (AH#B-1 VAV#15)
4610-COIL0115	VAV/Reheat Coil, Rm 4029 (AH#B-3 VAV#21)
4610-COIL0116	VAV/Reheat Coil, Rm 4030D (AH#B-3 VAV#17)
4610-COIL0117	VAV/Reheat Coil, Rm 4031 (AH#B-3 VAV#20)
4610-COIL0118	VAV/Reheat Coil, Rm 4037 (AH#B-3 VAV#19)
4610-COIL0119	VAV/Reheat Coil, Rm 4040 (AH#B-2 VAV#16)
4610-COIL0120	VAV/Reheat Coil, Rm 4043B (AH#B-3 VAV#18)
4610-COIL0121	VAV/Reheat Coil, Rm 4044 (AH#B-2 VAV#13)
4610-COIL0122	VAV/Reheat Coil, Rm 4044B (AH#B-1 VAV#17)
4610-COIL0123	VAV/Reheat Coil, Hallway (AH#B-2 VAV#19)
4610-COIL0124	VAV/Reheat Coil, Hallway (AH#B-2 VAV#20)
4610-COIL0125	VAV/Reheat Coil, Rm 5002 (AH#3 VAV#9)
4610-COIL0126	VAV/Reheat Coil, Rm 5006 (AH#5 VAV#14)
4610-COIL0127	VAV/Reheat Coil, Rm 5007 (AH#4 VAV#15)
4610-COIL0128	VAV/Reheat Coil, Rm 5009 (AH#5 VAV#15)
4610-COIL0129	VAV/Reheat Coil, Rm 5010A (AH#5 VAV#16)
4610-COIL0130	VAV/Reheat Coil, Rm 5010C (AH#3 VAV#10)
4610-COIL0131	VAV/Reheat Coil, Rm 5013 (AH#4 VAV#14)
4610-COIL0132	VAV/Reheat Coil, Rm 5016 (AH#B-2 VAV#16)
4610-COIL0133	VAV/Reheat Coil, Rm 5016 (AH#B-2 VAV#17)
4610-COIL0134	VAV/Reheat Coil, Rm 5017 (AH#4 VAV#13)
4610-COIL0135	VAV/Reheat Coil, Rm 5018 (AH#B-1 VAV#18)
4610-COIL0136	VAV/Reheat Coil, Rm 5021 (AH#B-3 VAV#26)
4610-COIL0137	VAV/Reheat Coil, Rm 5027 (AH#B-3 VAV#25)
4610-COIL0138	VAV/Reheat Coil, Rm 5030 (AH#B-1 VAV#19)
4610-COIL0139	VAV/Reheat Coil, Rm 5035 (AH#B-3 VAV#24)
4610-COIL0140	VAV/Reheat Coil, Rm 5038A (AH#B-1 VAV#20)
4610-COIL0141	VAV/Reheat Coil, Rm 5038B (AH#B-1 VAV#21)
4610-COIL0142	VAV/Reheat Coil, Rm 5038D (AH#B-1 VAV#22)
4610-COIL0143	VAV/Reheat Coil, Rm 5041 (AH#B-3 VAV#23)
4610-COIL0144	VAV/Reheat Coil, Rm 5045 (AH#B-3 VAV#22)
4610-COIL0145	Chilled Water Coil, AH0001, Kitchen, Rm C104
4610-COIL0146	Hot Water/Steam Coil, AH0001, Kitchen, Rm C104
4610-COIL0147	Chilled Water Coil, AH0002, Over Ovens, Kitchen, Rm C104
4610-COIL0148	Hot Water/Steam Coil, AH0002, Over Ovens, Kitchen, Rm C104
4610-COIL0149	Chilled Water Coil, AH0003, Rm E-11
4610-COIL0150	Hot Water/Steam Coil, AH0003, Rm E-11
4610-COIL0151	Chilled Water Coil, AH0004, Rm E-11
4610-COIL0152	Hot Water/Steam Coil, AH0004, Rm E-11
4610-COIL0153	Chilled Water Coil, AH0005, Rm E-11
4610-COIL0154	Hot Water/Steam Coil, AH0005, Rm E-11
4610-COIL0155	Chilled Water Coil, AH0007, Rm 1009/E-3
4610-COIL0156	Hot Water/Steam Coil, AH0007, Rm 1009/E-3

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-COIL0157	Chilled Water Coil, AH0008, Rm 1009/E-3
4610-COIL0158	Hot Water/Steam Coil, AH0008, Rm 1009/E-3
4610-COIL0159	Chilled Water Coil, AH0009, Rm 1009/E-3
4610-COIL0160	Hot Water/Steam Coil, AH0009, Rm 1009/E-3
4610-COIL0161	Chilled Water Coil, AH0010, Rm 1031
4610-COIL0162	Hot Water/Steam Coil, AH0010, Rm 1031
4610-COIL0163	Chilled Water Coil, AH0011, Rm 1031
4610-COIL0164	Hot Water/Steam Coil, AH0011, Rm 1031
4610-COIL0165	Chilled Water Coil, AH0012, Rm 2047
4610-COIL0166	Hot Water/Steam Coil, AH0012, Rm 2047
4610-COIL0167	Chilled Water Coil, AH0013, Rm 2047
4610-COIL0168	Hot Water/Steam Coil, AH0013, Rm 2047
4610-COIL0169	Chilled Water Coil, AH0020, Rm 2009/E-5
4610-COIL0170	Hot Water/Steam Coil, AH0020, Rm 2009/E-5
4610-COIL0171	Chilled Water Coil, AH0021, Rm 2009/E-5
4610-COIL0172	Hot Water/Steam Coil, AH0021, Rm 2009/E-5
4610-COIL0173	Chilled Water Coil, AH0022, Rm 2037/E-6
4610-COIL0174	Hot Water/Steam Coil, AH0022, Rm 2037/E-6
4610-COIL0175	Chilled Water Coil, AH0023, Stair Landing, 2nd Floor
4610-COIL0176	Hot Water/Steam Coil, AH0023, Stair Landing, 2nd Floor
4610-COIL0177	Chilled Water Coil, AH0024, West Stairs, 2nd Floor
4610-COIL0178	Hot Water/Steam Coil, AH0024, West Stairs, 2nd Floor
4610-COIL0179	Chilled Water Coil, AH0025, Rm 2037/E-6
4610-COIL0180	Hot Water/Steam Coil, AH0025, Rm 2037/E-6
4610-COIL0181	Chilled Water Coil, AH0026, Rm 2084
4610-COIL0182	Hot Water/Steam Coil, AH0026, Rm 2084
4610-COIL0183	Chilled Water Coil, AH0030, Rm 3017
4610-COIL0184	Hot Water/Steam Coil, AH0030, Rm 3017
4610-COIL0185	Chilled Water Coil, AH0031, Rm 3076A
4610-COIL0186	Hot Water/Steam Coil, AH0031, Rm 3076A
4610-COIL0187	Chilled Water Coil, AH0040, Rm 3015/E-8
4610-COIL0188	Hot Water/Steam Coil, AH0040, Rm 3015/E-8
4610-COIL0189	Chilled Water Coil, AH0041, Rm 3015/E-8
4610-COIL0190	Hot Water/Steam Coil, AH0041, Rm 3015/E-8
4610-COIL0191	Chilled Water Coil, AH0042, Rm 3035
4610-COIL0192	Hot Water/Steam Coil, AH0042, Rm 3035
4610-COIL0193	Chilled Water Coil, AH0043, Rm 3035
4610-COIL0194	Hot Water/Steam Coil, AH0043, Rm 3035
4610-COIL0195	Chilled Water Coil, AH0044, Rm 3035
4610-COIL0196	Hot Water/Steam Coil, AH0044, Rm 3035
4610-COIL0197	Chilled Water Coil, AH00B1, Rm B100/E-2
4610-COIL0198	Hot Water/Steam Coil, AH00B1, Rm B100/E-2
4610-COIL0199	Chilled Water Coil, AH00B2, Rm B100/E-2
4610-COIL0200	Hot Water/Steam Coil, AH00B2, Rm B100/E-2
4610-COIL0201	Chilled Water Coil, AH00B3, Rm B100/E-2
4610-COIL0202	Hot Water/Steam Coil, AH00B3, Rm B100/E-2
4610-CONT0001	Contact, CafÉ, Rm C-112
4610-CRU0001	Computer Room Unit, Rm 1039 - Disconnect at unit
4610-CRU0001	Computer Room Unit, Rm 1039 - Disconnect at unit
4610-CRU0002	Computer Room Unit, Rm 4030 - Disconnect at unit
4610-CRU0009	Computer Room Unit, Rm 3041 Overhead - Disconnect at unit
4610-CRU0010	Computer Room Unit, Rm 1041 - Disconnect at unit
4610-CRU0012	Computer Room Unit, Rm 1004 Overhead - Disconnect at unit

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-CRU0013	Computer Room Unit, Rm 5016 - Disconnect at unit
4610-CRU0014	Computer Room Unit, Rm 1027A Overhead - Disconnect at unit
4610-CRU0015	Computer Room Unit, Rm 1027 Overhead - Disconnect at unit
4610-CRU0016	Computer Room Unit, Rm 2047, REMOVED 1/8/04 - Disconnect at unit
4610-CRU0017	Computer Room Unit, Rm 4021, Overhead
4610-DOOR0001	Roll-Up Door, South West - Disconnect at door
4610-DOOR0002	Electric Personnel Door, North Side Main Entrance - Disconnect in panel
4610-DOOR0003	Electric Personnel Door, South Side Main Entrance - Disconnect in panel
4610-DOOR0004	Swinging Door Electric, Se Entrance
4610-DOOR0005	Swinging Door Electric, Se Entrance
4610-DOOR0006	Swinging Door Electric, Rm 1017A
4610-DOOR0007	Personnel Door Electric, N Entrance
4610-DPIP0001	Drain Pipe, Rm C104, Kitchen
4610-DXAC0002	Direct Expansion AC Unit, Rm 1047/Rm E12 - Disconnect in room E12
4610-DXAC0002	Direct Expansion AC Unit, Rm 1047/Rm E12 - Disconnect in room E12
4610-DXAC0003	Direct Expansion AC Unit, Rm 5038B - Disconnect at unit - Disconnect at unit
4610-DXAC0003	Direct Expansion AC Unit, Rm 5038B - Disconnect at unit - Disconnect at unit
4610-DXAC0003	Direct Expansion AC Unit, Rm 5038B - Disconnect at unit - Disconnect at unit
4610-DXAC0004	Direct Expansion AC Unit, 6th Floor Penthouse SW Corner
4610-DXAC0005	Direct Expansion AC Unit, 6th Floor Penthouse NE Corner
4610-EAF0001	Exhaust Blower Fan, Kitchen, Rm C104 - Disconnect at fan motor
4610-EAF0002	Exhaust Blower Fan, Kitchen, Rm C104 - Disconnect at fan motor
4610-EAF0003	Exhaust Blower Fan, Kitchen, Rm C104 - Disconnect at fan motor
4610-EAF0005	Exhaust Blower Fan, Cafeteria Roof - Disconnect at fan motor
4610-EAF0006	Exhaust Blower Fan, Cafeteria Roof - Disconnect at fan motor
4610-EAF0007	Exhaust Blower Fan, Cafeteria Roof - Disconnect at fan motor
4610-EAF0008	Exhaust Blower Fan, Rm B101/Rm E1 - Disconnect room E1
4610-ELEV0001	Cable Elevator, 5th Floor, East End - Disconnect at elevator
4610-ELEV0002	Cable Elevator, 5th Floor, East End - Disconnect at elevator
4610-ELEV0003	Cable Elevator, Rm E10 - Disconnect in room E10
4610-ELEV0004	Cable Elevator, Rm E10 - Disconnect in room E10
4610-ELEV0005	Hydraulic Elevator, 3rd Floor, West End - Disconnect at elevator
4610-EW0001	Emergency Shower/Eyewash, E-12
4610-FAS0001	Fire Alarm System, Main Entrance
4610-FID0001	Field Interface Device, Rm B100/Rm E02
4610-FID0002	Field Interface Device, Rm 1031
4610-FSS0001	Fire Suppression System, Kitchen, Rm C104
4610-FSS0002	Fire Suppression System, Kitchen, Rm C104
4610-FWP0001	Feed Water Pump, Rm B100/Rm E02 - Disconnect room E2
4610-FWP0002	Feed Water Pump, Rm B100/Rm E02 - Disconnect room E2
4610-GEN0001	Emergency Generator, South Outside
4610-HWC0001	Hot Water Converter - Rm B100/E2
4610-HWHD0001	Hot Water Heater - Domestic, Rm 2037/Rm E6 - Disconnect in room E6
4610-HWHD0002	Hot Water Heater - Domestic, Rm 2019 - Disconnect at heater
4610-HWHD0003	Hot Water Heater - Domestic, Rm B100/Rm E02 - Disconnect room E2
4610-HWHD0004	Hot Water Heater - Domestic, Rm B101/Rm E1 - Disconnect room E1
4610-HWP0001	Hot Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-HWP0002	Hot Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-HWP0003	Hot Water Pump, Rm B100/Rm E02 - Disconnect room E2
4610-HWP0004	Hot Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-HWP0005	Hot Water Pump, Rm 3015/Rm E08 - Disconnect in room E8
4610-HWP0006	Hot Water Pump, Rm B101/Rm E1 - Disconnect room E1
4610-HWP0007	Hot Water Pump, Rm B101/Rm E1 - Disconnect room E1

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-HWP0008	Pump Hot Water Circ, E-2
4610-KGRL0001	Grille/Oven, Kitchen, Rm C104
4610-KGRL0002	Grille/Oven, Kitchen, Rm C104
4610-KGRL0003	Grille/Oven, Kitchen, Rm C104
4610-KGRL0004	Grille, Kitchen, Rm C104
4610-KICE0001	Ice Machine Kitchen, Rm C104
4610-KICE0002	Ice Machine, Kitchen, Rm C104
4610-KVHD0001	Vent Hood, Kitchen, Rm C104
4610-KVHD0002	Vent Hood, Kitchen, Rm C104 - Disconnect at hood
4610-LROD0001	Lightning Rod, W. Roof Above Penthouse
4610-LTS0001	Emergency Lighting - Hall by 1000
4610-LTS0002	Emergency Lighting - Hall by 1014
4610-LTS0003	Emergency Lighting - Hall at Room 1012
4610-LTS0004	Emergency Lighting - 1000 3rd Fl
4610-LTS0005	Emergency Lighting - 1000 2nd Fl
4610-LTS0006	Emergency Lighting - 1000 2nd Fl
4610-LTS0007	Emergency Lighting - West Wall, Winding Staircase, BTW 2nd and 3rd Floor
4610-LTS0008	Emergency Lighting - Hall at Room 1006
4610-LTS0009	Emergency Lighting - Hall by Rm 1028
4610-LTS0010	Emergency Lighting - Hall by Rm 1042
4610-LTS0011	Emergency Lighting - West Center Rear Stairs, 1st FL
4610-LTS0012	Emergency Lighting - Hall at Room 1054
4610-LTS0013	Emergency Lighting - West Stairs, Btwn 1st & 2nd FL
4610-LTS0014	Emergency Lighting - Rm 1054 S. Wall
4610-LTS0015	Emergency Lighting - East Stair, Btwn 1st & 2nd FL
4610-LTS0016	Emergency Lighting - East Stairs, Btwn Basement & 1st FL
4610-LTS0017	Emergency Lighting - Rm B100/Rm E02 N. Wall by Steps
4610-LTS0018	Emergency Lighting - Rm B100/Rm E02 E. Wall
4610-LTS0019	Emergency Lighting - Center Stairs, Btwn 1st & 2nd FL
4610-LTS0020	Emergency Lighting - Center Stairs, Btwn 2nd & 3rd FL
4610-LTS0021	Emergency Lighting - East Stairs, Btwn 4th & 5th FL
4610-LTS0022	Emergency Lighting - Room E-02, Center Isle
4610-LTS0023	Emergency Lighting - East Stairs, Btwn 2nd & 3rd FL
4610-LTS0024	Emergency Lighting - West Center Rear Stairs, 2nd FL
4610-LTS0025	Emergency Lighting - Hall at Rm. 3000
4610-LTS0026	Emergency Lighting - Hall By Rm. 3012
4610-LTS0027	Emergency Lighting - West Rear Stairs, 3rd FL
4610-LTS0028	Emergency Lighting - Hall by Rm 3028
4610-LTS0029	Emergency Lighting - Hall by Rm 3048
4610-LTS0030	Emergency Lighting - West Center Rear Stairs, 3rd FL
4610-LTS0031	Emergency Lighting - Hall at Rm 3052
4610-LTS0032	Emergency Lighting - Center Stairs, Btwn 3rd & 4th FL
4610-LTS0033	Emergency Lighting - West Stairs, Btwn 3rd & 4th FL
4610-LTS0034	Emergency Lighting - Center Stairs, Btwn 4th & 5th FL
4610-LTS0035	Emergency Lighting - East Stairs, Btwn 3rd & 4th FL
4610-LTS0036	Emergency Lighting - Hall at Room 4044C
4610-LTS0037	Emergency Lighting - West Stairs, Btwn 4th & 5th FL
4610-LTS0038	Emergency Lighting - West Stairs, Btwn 2nd & 3rd FL
4610-LTS0039	Emergency Lighting - East Stairs, Btwn 5th FL & Roof
4610-LTS0040	Emergency Lighting - Room 5040, Conf. Rm S. Wall
4610-LTS0041	Emergency Lighting - Hall at Room 5019
4610-LTS0042	Emergency Lighting - Hall at Room 5041
4610-LTS0043	Emergency Lighting - Hall at Room 5038

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-LTS0044	Emergency Lighting - Hall at Room 2008
4610-LTS0045	Emergency Lighting - Hall at Room 2014
4610-LTS0046	Emergency Lighting - Hall at Room 4023
4610-LTS0047	Emergency Lighting - Hall at Room 2046
4610-LTS0048	Emergency Lighting - Hall at Room 2052
4610-LTS0049	Emergency Lighting - Hall at Room 4038
4610-LTS0050	Emergency Lighting - Hall at Room 4026
4610-LTS0051	Emergency Lighting - Hall at Room 4006
4610-LTS0052	Emergency Lighting - Hall at Room 5018
4610-LTS0053	Emergency Lighting - Hall at Room 5032
4610-LTS0054	Emergency Lighting - Hall at Room 2080
4610-LTS0055	Emergency Lighting - Room E-12, Battery Bank
4610-LTS0056	Emergency Lighting - Room E-10, East Wall
4610-LTS0057	Emergency Lighting - East Elevator Equipment Room
4610-LTS0058	Emergency Lighting - Conference Room 2060 East Wall
4610-LTS0059	Emergency Lighting - Room 5016 West Wall
4610-LTS0060	Emergency Lighting - Hall at Room 2094
4610-LTS0061	Emergency Lighting - Hall at Room 2098
4610-LTS0062	Emergency Lighting - Hall at Room 2093
4610-LTS0063	Emergency Lighting - Hall at Room 2074B
4610-LTS0064	Emergency Lighting - Hall at Room 2002
4610-LTS0065	Emergency Lighting - Room E-12, East Wall
4610-LTS0066	Emergency Lighting - Hall at Room 3096
4610-LTS0067	Emergency Lighting - Hall at Room 3095
4610-LTS0068	Emergency Lighting - Hall at Room 3076A
4610-LTS0069	Emergency Lighting - Rear South West Stairs, Btwn 2nd & 3rd FL
4610-LTS0070	Emergency Lighting - Room 1000, 3rd Level
4610-LTS0071	Emergency Lighting - Room 1000, 3rd Level
4610-LTS0072	Emergency Lighting - South Stairs, Btwn 2nd & 3rd FL
4610-LTS0073	Emergency Lighting - East Stairs, Btwn 4th & 5th FL
4610-LTS0074	Emergency Lighting - Conference Room 3067
4610-LTS0075	Emergency Lighting - Conference Room 3079
4610-LTS0076	Emergency Lighting - Room 3085
4610-LTS0077	Emergency Lighting - Room 3085B
4610-LTS0078	Emergency Lighting - Conference Room 3100, North Wall
4610-LTS0079	Emergency Lighting - Room 3090D, Mens Rest Room
4610-LTS0080	Emergency Lighting - Conference Room 3076
4610-LTS0081	Emergency Lighting - Conference Room 3043
4610-LTS0082	Emergency Lighting - Room 1000, 1st Level
4610-LTS0083	Emergency Lighting - Room 4035
4610-LTS0084	Emergency Lighting - Room 4033, Mens Rest Rm
4610-LTS0085	Emergency Lighting - Conference Room 4016
4610-LTS0086	Emergency Lighting - Conference Room 5010A
4610-LTS0087	Emergency Lighting - Room 5033
4610-LTS0088	Emergency Lighting - Room 4002, Mens Rest Rm
4610-LTS0089	Emergency Lighting - Hall at Room 3076
4610-MCC0001	Motor Control Center, Rm B101/Rm E1
4610-MCC0002	Motor Control Center, Rm B100/Rm E02
4610-MCC0003	Motor Control Center, Rm 1033
4610-MCC0004	Motor Control Center, Rm E11
4610-PIU0001	Power Induction Units, 1st Floor
4610-PIU0002	Power Induction Units, 2nd Floor
4610-PIU0003	Power Induction Units, 3rd Floor

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-PIU0004	Power Induction Units, 4th Floor
4610-PIU0005	Power Induction Units, 5th Floor
4610-PMP0001	Water Pump, Kitchen, Rm C104 - Disconnect at pump
4610-PNL0001	Panel Board, Room E-01, at Rear Stairs
4610-PNL0002	Panel Board, Room E-01, Center Column
4610-PNL0003	Panel Board, Room E-01, West Wall
4610-PNL0004	Panel Board, Room E-12, South Wall
4610-PNL0005	Panel Board, Room E-12, South Wall
4610-PNL0006	Panel Board, Room E-02, Old Generator Room
4610-PNL0007	Panel Board, Room E-02, West Wall
4610-PNL0008	Panel Board, Room E-12, South Wall
4610-PNL0009	Panel Board, Room E-12, North Wall
4610-PNL0010	Panel Board, Hall at Room 1031
4610-PNL0011	Panel Board, Hall at Room 1035
4610-PNL0012	Panel Board, Hall at Room 1035
4610-PNL0013	Panel Board, Hall at Room 1037
4610-PNL0014	Panel Board, Room 1033
4610-PNL0015	Panel Board, Room 1033
4610-PNL0016	Panel Board, Hall at Room 1013
4610-PNL0017	Panel Board, Hall at Room 1014
4610-PNL0018	Panel Board, Hall at Room 1014
4610-PNL0019	Panel Board, Hall at Room 1014
4610-PNL0020	Panel Board, Hall at Room 1006
4610-PNL0021	Panel Board, Hall at Room 2014
4610-PNL0022	Panel Board, Hall at Room 2014
4610-PNL0023	Panel Board, Hall at Room 2015
4610-PNL0024	Panel Board, Hall at Room 2015
4610-PNL0025	Panel Board, Hall at Room 2046
4610-PNL0026	Panel Board, Hall at Room 2046
4610-PNL0027	Panel Board, Hall at Room 2046
4610-PNL0028	Panel Board, Hall at Room 2043
4610-PNL0029	Panel Board, Outside Rm 2047 (REMOVED 7/02)
4610-PNL0030	Panel Board, Rm 2047 (REMOVED 7/02)
4610-PNL0031	Panel Board, Rm 2047 (REMOVED 7/02)
4610-PNL0032	Panel Board, Rm 2047 (REMOVED 7/02)
4610-PNL0033	Panel Board, Rm 2047 (REMOVED 7/02)
4610-PNL0034	Panel Board, Room 2055B
4610-PNL0035	Panel Board, Room 2055B
4610-PNL0036	Panel Board, Room 2055B
4610-PNL0037	Panel Board, Hall at Room 2059
4610-PNL0038	Panel Board, Room 1004, West Wall
4610-PNL0039	Panel Board, Room 2074A
4610-PNL0040	Panel Board, Room 2100, South Wall
4610-PNL0041	Panel Board, Room E11, Penthouse
4610-PNL0042	Panel Board, Room 5031A
4610-PNL0043	Panel Board, Room 5031A
4610-PNL0044	Panel Board, Room 5031A
4610-PNL0045	Panel Board, Room 5031A
4610-PNL0046	Panel Board, Room 5001A
4610-PNL0047	Panel Board, Room 5001A
4610-PNL0048	Panel Board, Hall at Room 5007
4610-PNL0049	Panel Board, Room 2083A
4610-PNL0050	Panel Board, Room 2083A

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-PNL0051	Panel Board, Room 2021, North Wall
4610-PNL0052	Panel Board, Room 2083A
4610-PNL0053	Panel Board, Room 3083A
4610-PNL0054	Panel Board, Room 3083A
4610-PNL0055	Panel Board, Room 3083A
4610-PNL0056	Panel Board, Room 3083A
4610-PNL0057	Panel Board, Room 3083A
4610-PNL0058	Panel Board, Room 4033A
4610-PNL0059	Panel Board, Room 4033A
4610-PNL0060	Panel Board, Room 4033A
4610-PNL0061	Panel Board, Room 4033A
4610-PNL0062	Panel Board, Room 4001B
4610-PNL0063	Panel Board, Room 4001B
4610-PNL0064	Panel Board, Hall at Room 4005
4610-PNL0065	Panel Board, Room 4010
4610-PNL0066	Panel Board, Room 3063B
4610-PNL0067	Panel Board, Room 3063B
4610-PNL0068	Panel Board, Hall at Room 3063B
4610-PNL0069	Panel Board, Hall at Room 3046A
4610-PNL0070	Panel Board, Hall at Room 3046A
4610-PNL0071	Panel Board, Hall at Room 3037A
4610-PNL0072	Panel Board, Room 3033, East Wall
4610-PNL0073	Panel Board, Hall at Room 3017
4610-PNL0074	Panel Board, Room 3017
4610-PNL0075	Panel Board, Room 1059D
4610-PNL0076	Panel Board, Room 1059D
4610-PNL0077	Panel Board, Hall at Room 1059D
4610-PNL0078	Panel Board, Room 1039
4610-PNL0079	Panel Board, Room 1075A
4610-PNL0080	Panel Board, Room 1075A
4610-PNL0081	Panel Board, Room 1075A
4610-PNL0082	Panel Board, Hall at Room 3012
4610-PNL0083	Panel Board, Room 3023
4610-PNL0084	Panel Board, Hall at Room 3012
4610-PNL0085	Panel Board, Cafeteria Room C110
4610-PNL0086	Panel Board, Cafeteria Room C110
4610-PNL0087	Panel Board, Cafeteria Room C110
4610-PNL0088	Panel Board, Cafeteria Room C106
4610-PNL0089	Panel Board, Cafeteria Room C112
4610-PNL0090	Panel Board, Rm 4015 (REMOVED 7/02)
4610-PNL0091	Panel Board, Cafeteria Room C112
4610-PNL0092	Panel Board, Cafeteria Room C112
4610-RAF0001	Fan Return Air, Over Cafeteria, North Side
4610-RAF0003	Return Air Fan, Rm E11 - Disconnect in room E11
4610-RAF0004	Return Air Fan, Rm E11 - Disconnect in room E11
4610-RAF0005	Return Air Fan, Rm E11 - Disconnect in room E11
4610-RAF0011	Return Air Fan, Rm 1009/Rm E03 - Disconnect in room E3
4610-RAF0012	Return Air Fan, Rm 1031 - Disconnect in panel
4610-RAF0021	Return Air Fan, Rm 2009/Rm E5 - Disconnect in room E5
4610-RAF0022	Return Air Fan, Rm 2037/Rm E6 - Disconnect in room E6
4610-RAF0023	Return Air Fan, Rm 3035 - Disconnect in panel
4610-RAF0031	Return Air Fan, Rm 3015/Rm E08 - Disconnect in room E8
4610-RLY0001	Relay, Cafe, Rm C-112

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-RMU0001	Field Interface Device, Room E-02, E. End
4610-RMU0002	Field Interface Device, Room 1034, E-04
4610-ROOF0001	Roof, Main, Bldg 4610
4610-ROOF0002	Roof, Center, Bldg 4610
4610-ROOF0003	Roof, Center, Bldg 4610
4610-ROOF0004	Roof, South West, Bldg 4610
4610-ROOF0005	Roof, South West, Bldg 4610
4610-ROOF0006	Roof, North, Bldg 4610
4610-ROOF0007	Roof, Center, Bldg 4610
4610-SHEW0001	Safety Shower & Eyewash, Rm. 1047
4610-SPMP001A	Sump Pump, Rm B101/Rm E1 - Disconnect room E1
4610-SPMP001B	Sump Pump, Rm B101/Rm E1 - Disconnect room E1
4610-SPMP002A	Sump Pump, Rm B100/Rm E02 - Disconnect room E2
4610-SPMP002B	Sump Pump, Rm B100/Rm E02 - Disconnect room E2
4610-SPR0001	Sprinkler System, Rm B101/Rm E1
4610-SPR0002	Sprinkler System, Rm B100/Rm E02
4610-SPR0003	Stand Pipe
4610-SS0001	Safety Switch, Room 1059D
4610-SS0002	Safety Switch, Room 2009
4610-SS0003	Safety Switch, Room 2009
4610-SS0004	Safety Switch, Room 2009
4610-SS0005	Safety Switch, Room E-06
4610-SS0006	Safety Switch, Room E-06
4610-SS0007	Safety Switch, Room E-06
4610-SS0008	Safety Switch, Room E-06
4610-SS0009	Safety Switch, Room 2055B
4610-SS0010	Safety Switch, Room 2055B
4610-SS0011	Safety Switch, Room 2074A
4610-SS0012	Safety Switch, Room 4001B
4610-SS0013	Safety Switch, Room 3035, E-09
4610-SS0014	Safety Switch, Room 3035, E-09
4610-SS0015	Safety Switch, Room 3035, E-09
4610-SS0016	Safety Switch, Room E-08
4610-SS0017	Safety Switch, Room E-08
4610-SS0018	Safety Switch, Room E-08
4610-SS0019	Safety Switch, Room 4033A
4610-SS0020	Safety Switch, Room 4030
4610-SS0021	Safety Switch, Hall At W. Ctr. Stairs
4610-SS0022	Safety Switch, Room E-02, W. Wall
4610-SS0023	Safety Switch, Room E-02, W. Wall
4610-SS0024	Safety Switch, Room E-02, W. Wall
4610-SS0025	Safety Switch, Room E-01, W. Wall
4610-SS0026	Safety Switch, Room E-01, N. Wall
4610-SS0027	Safety Switch, Room E-01, E. Wall
4610-SS0028	Safety Switch, Room E-01, W. Wall
4610-SS0029	Safety Switch, Room E-01, W. Wall
4610-SS0030	Safety Switch, Room E-02, S. Wall
4610-SS0031	Safety Switch, Room E-02
4610-SS0032	Safety Switch, Room E-02, E. Wall
4610-SS0033	Safety Switch, Room E-02, E. Wall
4610-SS0034	Safety Switch, Room E-02, E. Wall
4610-SS0035	Safety Switch, Room 1004, W. Wall
4610-SS0036	Safety Switch, Room 1031, E-04

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-SS0037	Safety Switch, Room 1031, E-04
4610-SS0038	Safety Switch, Room 1031, E-04
4610-SS0039	Safety Switch, Room 1031, E-04
4610-SS0040	Safety Switch, Hall At Room 1037
4610-SS0041	Safety Switch, S Side, Outside
4610-SS0042	Safety Switch, S Side, Outside
4610-SS0043	Safety Switch, S Side, Outside
4610-SS0044	Safety Switch, Room 1039, S. Wall
4610-SS0045	Safety Switch, Room 1039, S. Wall
4610-SS0046	Safety Switch, Room 1000, E. Wall
4610-SS0047	Safety Switch, Room 1000, E. Wall
4610-SS0048	Safety Switch, Room 1000, E. Wall
4610-SS0049	Safety Switch, Room 1075A
4610-SS0050	Safety Switch, Room E-12, N. Wall
4610-SS0051	Safety Switch, Room 2017, W. Wall
4610-SS0052	Safety Switch, Room 3019
4610-SS0053	Safety Switch, Room 1009, E-03
4610-SS0054	Safety Switch, Room 1009, E-03
4610-SS0055	Safety Switch, Room 1009, E-03
4610-SS0056	Safety Switch, Room 1009, E-03
4610-SS0057	Safety Switch, Room 3083A
4610-SS0058	Safety Switch, Room 3083A
4610-SS0059	Safety Switch, Room 3083A
4610-SS0060	Safety Switch, Hall At Room 2014
4610-SS0061	Safety Switch, Room E-02, Old Gen Rm
4610-SS0062	Safety Switch, Room E-02, Old Gen Rm
4610-SS0063	Safety Switch, Room E-02, Old Gen Rm
4610-SS0064	Safety Switch, Room E-02, Old Gen Rm
4610-SS0065	Safety Switch, S. Stairs, 2ND Floor
4610-SS0066	Safety Switch, Se Stairs, 2ND Floor
4610-SS0067	Safety Switch, Room 3063B
4610-SS0068	Safety Switch, Room 3976A
4610-SS0069	Safety Switch, Room 3076A
4610-SS0070	Safety Switch, Room 5001A
4610-SS0071	Safety Switch, Room 5031A
4610-SS0072	Safety Switch, Room 5033A
4610-SS0073	Safety Switch, Building Roof Area
4610-SS0074	Safety Switch, Building Roof Area
4610-SS0075	Safety Switch, CafÉ, C-104, W. Wall
4610-SS0076	Safety Switch, CafÉ, C-110, S. Wall
4610-SS0077	Safety Switch, CafÉ, Outside Rear Wall
4610-SS0078	Safety Switch, CafÉ, Outside Rear Wall
4610-SS0079	Safety Switch, CafÉ, Outside Rear Wall
4610-SS0080	Safety Switch, CafÉ, Roof
4610-SS0081	Safety Switch, CafÉ, Roof
4610-SS0082	Safety Switch, CafÉ, Roof
4610-SS0083	Safety Switch, Ctr Elevator Penthouse
4610-SS0084	Safety Switch, Ctr Elevator Penthouse
4610-SS0085	Safety Switch, Room 1011
4610-SS0086	Safety Switch, Room E-11, N. Wall
4610-SS0087	Safety Switch, Room E-11, E. Wall
4610-SS0088	Safety Switch, Room E-11, E. Wall
4610-SS0089	Safety Switch, Room E-11, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-SS0090	Safety Switch, Room E-10, N. Wall
4610-SS0091	Safety Switch, Room E-11, N. Wall
4610-SS0092	Safety Switch, Room E-11, N. Wall
4610-SS0093	Safety Switch, Room 3017, E. Wall
4610-SS0094	Safety Switch, Building Roof
4610-SS0095	Safety Switch, Building Roof
4610-SS0096	Safety Switch, Building Roof
4610-SS0097	Safety Switch, Building Roof
4610-SS0135	Safety Switch, Room 2084A
4610-SSS0001	Starter Safety Switch, Room 3035, E-09
4610-SSS0002	Starter Safety Switch, Café, Rm C-105
4610-STRT0001	Starter, Room E-01, W. Wall
4610-STRT0002	Starter, Room E-01, W. Wall
4610-STRT0003	Starter, Room E-01, S. Wall
4610-STRT0004	Starter, Room E-02, Inside Cont Pnl.
4610-STRT0007	Starter, Room E-02, Ctr Wall
4610-STRT0008	Starter, Room E-02, E. Wall
4610-STRT0009	Starter, Room E-02, E. Wall
4610-STRT0010	Starter, Room E-02, E. Wall
4610-STRT0011	Starter, Room E-02, E. Wall
4610-STRT0012	Starter, Room E-02, N. Wall
4610-STRT0013	Starter, Room E-02, N. Wall
4610-STRT0014	Starter, Room 1031, E-04
4610-STRT0015	Starter, Room 1031, E-04
4610-STRT0016	Starter, Room 1031, E-04
4610-STRT0017	Starter, Room 1031, E-04
4610-STRT0018	Starter, Room 1009, E-03
4610-STRT0019	Starter, Room 1009, E-03
4610-STRT0020	Starter, Room 1009, E-03
4610-STRT0021	Starter, Room 1009, E-03
4610-STRT0022	Starter, Room 2037, E-06
4610-STRT0023	Starter, Room 2037, E-06
4610-STRT0024	Starter, Room 2037, E-06
4610-STRT0025	Starter, Room 2009, E-05
4610-STRT0026	Starter, Room 2009, E-05
4610-STRT0027	Starter, Room 2009, E-05
4610-STRT0028	Starter, Se Stairs, 2ND Floor
4610-STRT0029	Starter, Room 3035, E-09
4610-STRT0030	Starter, Room 3035, E-09
4610-STRT0031	Starter, Room 3035, E-09
4610-STRT0032	Starter, Room 3015, E-08
4610-STRT0033	Starter, Room 3015, E-08
4610-STRT0034	Starter, Room 3015, E-08
4610-STRT0035	Starter, Café, Rm C-112
4610-STRT0036	Starter, Café, Rm C-112
4610-STRT0037	Starter, Café, Rm C-112
4610-SUB0001	Substation, South Side
4610-SWBD0001	Switch Board, Rm B101/Rm E1
4610-SWBD0002	Switch Board, Rm 1033
4610-TMR0001	Timer, Room E-01, On McC Side
4610-TMR0002	Timer, Room E-02, N. Wall
4610-TMR0003	Timer, Room 1059D
4610-TMR0004	Timer, Room 1033

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4610-TMR0005	Timer, Room 1033
4610-TMR0006	Timer, Cafe, Rm C-112
4610-TMR0007	Timer, Cafe, Rm C-110
4610-TMR0008	Timer, Hall At Room 3046A
4610-UH0001	Unit Heater Steam, E-2
4610-UH0002	Unit Heater Steam, Rm E-2
4610-UPC0001	Unit Power Center, Rm B100/Rm E02
4610-UPS0001	UPS Power System, Rm 1047/Rm E12 - REMOVED
4610-VSC0001	Variable Speed Control, Rm B100/Rm E02 Assoc. w/ AH.B1
4610-VSC0002	Variable Speed Control, Rm B100/Rm E02 Assoc. w/ AH.B2
4610-VSC0003	Variable Speed Control, Rm B100/Rm E02 Assoc. w/ AH.B3
4610-VSC0004	Variable Speed Control, Rm E11 Assoc. w/ AH3
4610-VSC0005	Variable Speed Control, Rm E11 Assoc. w/ RAF3
4610-VSC0006	Variable Speed Control, Rm E11 Assoc. w/ AH4
4610-VSC0007	Variable Speed Control, Rm E11 Assoc. w/ RAF4
4610-VSC0008	Variable Speed Control, Rm E11 Assoc. w/ AH5
4610-VSC0009	Variable Speed Control, Rm E11 Assoc. w/ RAF5
4610-WSFT0001	Water Softener
4610-XFMR0001	Transformer, Room E-01, at Rear Stairs
4610-XFMR0002	Transformer, Room E-01, Center Column
4610-XFMR0003	Transformer, Room E-01
4610-XFMR0004	Transformer, Room E-01, West Wall
4610-XFMR0005	Transformer, Room E-12, South wall
4610-XFMR0006	Transformer, Room E-02, Old Generator Rm
4610-XFMR0007	Transformer, Rm B100/Rm E02 (REMOVED 7/02)
4610-XFMR0008	Transformer, Room E-12
4610-XFMR0009	Transformer, Room 1033
4610-XFMR0010	Transformer, Room 2074A
4610-XFMR0011	Transformer, Room E11, North Wall
4610-XFMR0012	Transformer, Room 5031A
4610-XFMR0013	Transformer, Room 5001A
4610-XFMR0014	Transformer, Room 3083A
4610-XFMR0015	Transformer, Room 3083A
4610-XFMR0016	Transformer, Room 4033A
4610-XFMR0017	Transformer, Room 3063B
4610-XFMR0018	Transformer, Hall at Room 1037
4610-XFMR0019	Transformer, Room 1075A
4610-XFMR0020	Transformer, Cafeteria Room C110
4610-XFMR0021	Transformer, Room 5033A
4610-XFMR0022	Transformer, East Elevator Equipment Room
4610-XFMR0023	Transformer, East Elevator Equipment Room
4610-XFMR0024	Transformer, Room E-10
4610-XFMR0025	Transformer, Room E-10
4611-ACMP0001	Air Compressor, Rm 102/Rm E01 - Disconnect in room E1
4611-ACMP0002	Air Compressor, Outside North -
4611-CBS0001	Circuit Breaker Starter, Outside, North
4611-HWHD0001	Hot Water Heater - Domestic, Rm 102/Rm E01 - Disconnect room E1
4611-LTS0001	Emer Lighting - Fluor, Rm 102/E-1
4611-MCC0001	Motor Control Center, North Side Outside
4611-PNL0001	Panel Board, Rm 102/Rm E01
4611-RLY0001	Relay, Outside, North
4611-ROOF0001	Roof, Main, Bldg 4611
4611-ROOF0002	Roof, Bldg 4611

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4611-SHEW0001	Safety Shower & Eyewash, South
4611-SS0001	Safety Switch, Outside, North
4611-SS0002	Safety Switch, Outside, North
4611-STRT0001	Starter, Room 102, E-01
4611-STRT0002	Starter, Room 102, E-01
4611-STRT0003	Starter, Room 102, E-01
4611-TANK0001	Gasoline Storage Tank
4611-TANK0002	Diesel Storage Tank
4612A-AH0001	Air Handling Unit, Rm 1027 Over Door - Disconnect on unit
4612A-AH0002	Air Handling Unit, Rm E08 - Disconnect in room E8
4612A-AH0003	Air Handling Unit, Rm 1511/Rm E06 - Disconnect in room E6
4612A-AH0004	Air Handling Unit, Rm 1039/Rm E16 - Disconnect in room E13
4612A-AH0005	Air Handling Unit, Rm 29/Rm E13 - Disconnect in room E13
4612A-AH0006	Air Handling Unit, Rm 29/Rm E13 - Disconnect in room E13
4612A-AH0007	Air Handling Unit, Rm 23/Rm E05 - Disconnect in room E5
4612A-AH0008	Air Handling Unit, Rm E09, Rm 104A - Disconnect in room E9 Rm 104
4612A-AH0009	Air Handling Unit, Rm E11, Overhead - Disconnect in room E11
4612A-AH0010	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
4612A-AH0011	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
4612A-AH0012	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
4612A-CHWP0001	Chill Water Pump, Rm E11 - Disconnect in room E11
4612A-CHWP0002	Chill Water Pump, Rm E11 - Disconnect at pump
4612-ACMP0002	Air Compressor Control, Rm E07 - Disconnect room E5
4612-ACMP0003	Air Compressor Control, Rm 1400/Rm E04 - Disconnect room E4
4612-ACMP0009	Air Compressor Control, Rm E08 - Disconnect room E5
4612-ADRY0001	Air Dryer, Rm E01 - Disconnect room E1
4612-ADRY0002	Air Dryer, Rm E07 - Disconnect at dryer
4612-ADRY0004	Air Dryer, Rm 1511/Rm E06 - Disconnect in room E6
4612A-HWP0001	Hot Water Pump, Rm 23/Rm E05 - Disconnect in room E5
4612A-HWP0002	Hot Water Pump, Rm 1511/Rm E06 - Disconnect in room E6
4612A-HWP0003	Hot Water Pump, Rm 1511/Rm E06 - Disconnect in room E6
4612A-HWP0004	Hot Water Pump, Rm 1511/Rm E06 - Disconnect in room E6
4612A-HWP0005	Hot Water Pump, Rm 23/Rm E05 - Disconnect in room E5
4612A-LTS0001	Emergency Lighting - Hall Over Rm 1036 Door
4612A-LTS0002	Emergency Lighting - Rm 1507
4612A-LTS0003	Emergency Lighting - Training Area by Rm 2
4612A-LTS0004	Emergency Lighting - Training Area by Rm 306
4612A-LTS0005	Emergency Lighting - Training Area Rm 30B
4612A-LTS0006	Emergency Lighting - Training Area By Rm 306
4612A-LTS0009	Emergency Lighting - Rm 22
4612A-LTS0010	Emergency Lighting - Rm 20
4612A-LTS0011	Emergency Light Rm 19
4612A-LTS0012	Emergency Light Rm 19
4612-ATS0001	Auto Transfer Switch, Room 1039, E-16
4612-ATS0002	Auto Transfer Switch, Rm 1400/Rm E04
4612-ATS0003	Auto Transfer Switch, Rm E09
4612-ATS0004	Auto Transfer Switch, Rm 105/Rm E10
4612-ATS0005	Auto Transfer Switch, Rm 105/Rm E10
4612B-AH0001	Air Handling Unit, Rm 1300/Rm E02 - Disconnect room E2
4612B-AH0002	Air Handling Unit, Rm 1400/Rm E4 - Disconnect in room E4
4612B-AH0003	Air Handling Unit, Rm 1301A Overhead - Disconnect on unit
4612B-AH0004	Air Handling Unit, Rm 1301B Overhead - Disconnect on unit
4612B-AH0005	Air Handling Unit, Rm 1314 - Disconnect on unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612B-AH0006	Air Handling Unit, Rm 1305A Dark Room Entrance - Disconnect on unit
4612B-AH0007	Air Handling Unit, Outside Rm 1311 Overhead (Hall) - Disconnect on unit
4612B-AH0020	Air Handling Unit, Rm 2400 - Disconnect in room E7
4612-BATB0001	Battery Bank, Rm E09
4612B-CRU0001	Computer Room Unit, E-12 - Disconnect in room E12
4612B-CRU0002	Computer Room Unit, E-12 - Disconnect in room E12
4612B-CRU0003	Computer Room Unit, E-12 - Disconnect in room E12
4612B-CRU0004	Computer Room Unit, E-12 - Disconnect in room E12
4612B-CRU0005	Computer Room Unit, E-12 - Disconnect in room E12
4612B-CRU0006	Computer Room Unit, E-12 - Disconnect in room E12
4612-BFP0001	Back Flow Preventer - Hot Water, Rm 23/Rm E05
4612-BFP0002	Back Flow Preventer - Hot Water, Rm 1511/Rm E6
4612B-HWP0001	Hot Water Pump, Rm 1300/Rm E02 - Disconnect room E2
4612B-HWP0002	Hot Water Pump, Rm 1300/Rm E02 - Disconnect room E2
4612B-HWP0007	Hot Water Pump, Rm E07 - Disconnect in room E7
4612B-LTS0001	Emergency Lighting - Hall W. Entrance
4612B-LTS0002	Emergency Lighting - Rm 1301B (Dark Room)
4612B-LTS0003	Emergency Lighting - Rm 1301
4612B-LTS0004	Emergency Lighting - Rm 1303
4612B-LTS0005	Emergency Lighting - Freight Elev.
4612B-LTS0006	Emergency Lighting - Stairs Down Rm 2400
4612B-LTS0007	Emergency Lighting - Rm 2403
4612B-LTS0008	Emergency Lighting - Hall Near Rm 1301
4612-BPD0001	Buss Plug Disconnect, Room 1212
4612-BPD0002	Buss Plug Disconnect, Room 1212
4612-BPD0003	Buss Plug Disconnect, Room 1212
4612-BPD0004	Buss Plug Disconnect, Room 1212
4612-BPD0005	Buss Plug Disconnect, Room 1212
4612-BPD0006	Buss Plug Disconnect, Room 1212
4612-BPD0007	Buss Plug Disconnect, Room 1212
4612-BPD0008	Buss Plug Disconnect, Room 1212
4612-BPD0009	Buss Plug Disconnect, Room 1212
4612-BPD0010	Buss Plug Disconnect, Room 1212
4612-BPD0011	Buss Plug Disconnect, Room 1212
4612-BPD0012	Buss Plug Disconnect, Room 1212
4612-BPD0013	Buss Plug Disconnect, Room 1212
4612-BPD0014	Buss Plug Disconnect, Room 1212
4612-BPD0015	Buss Plug Disconnect, Room 1212
4612-BPD0016	Buss Plug Disconnect, Room 1212
4612-BPD0017	Buss Plug Disconnect, Room 1212
4612-BPD0018	Buss Plug Disconnect, Room 1212
4612B-RAF0001	Return Air Fan, Rm 1300/Rm E02 - Disconnect in room E2
4612C-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
4612-CBP0001	Circuit Breaker Panel, Room 1123
4612-CBP0002	Circuit Breaker Panel, Room 1212
4612-CBP0003	Circuit Breaker Panel, Room 1301
4612-CBP0004	Circuit Breaker Panel, Room 1301
4612-CBP0005	Circuit Breaker Panel, Room 1301
4612-CBP0006	Circuit Breaker Panel, Room 1301
4612-CBP0007	Circuit Breaker Panel, Room 1301
4612-CBP0008	Circuit Breaker Panel, Room 1303
4612-CBP0009	Circuit Breaker Panel, Room 1303
4612-CBP0010	Circuit Breaker Panel, Room 1401

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-CBP0011	Circuit Breaker Panel, Room 1508
4612-CBP0012	Circuit Breaker Panel, Room 105, E-10
4612-CBP0013	Circuit Breaker Panel, Room 1000
4612-CBP0014	Circuit Breaker Panel, Room 1000
4612-CBP0015	Circuit Breaker Panel, Room 1000
4612-CBP0016	Circuit Breaker Panel, Room E-09
4612-CBP0031	Circuit Breaker Panel, Room 8
4612-CBX0001	Control Box, Room 106, E-11
4612-CBX0002	Control Box, Room 106, E-11
4612-CBX0003	Control Box, Room 29, E-13
4612-CHLR0001	Air Cooled Chiller, Rm 4 - Disconnect at chiller
4612C-HV0001	Heating Vent Unit, Rm 1212 - REMOVED
4612C-HV0002	Heating/Vent Unit, RM E-01
4612C-HWP0001	Hot Water Pump, Rm E01 - Disconnect room E1
4612-COIL0001	VAV/Reheat Coil, Hallway (RH#17)
4612-COIL0002	VAV/Reheat Coil, Rm 1100 (RH#1)
4612-COIL0003	VAV/Reheat Coil, Rm 1101 (RH#2)
4612-COIL0004	VAV/Reheat Coil, Rm 1103 (RH#3)
4612-COIL0005	VAV/Reheat Coil, Rm 1104 (RH#4)
4612-COIL0006	VAV/Reheat Coil, Rm 1105 (RH#5)
4612-COIL0007	VAV/Reheat Coil, Rm 1110 (RH#7)
4612-COIL0008	VAV/Reheat Coil, Rm 1110A (RH#6)
4612-COIL0009	VAV/Reheat Coil, Rm 1112 (RH#8)
4612-COIL0010	VAV/Reheat Coil, Rm 1116 (RH#9)
4612-COIL0011	VAV/Reheat Coil, Rm 1117 (RH#23)
4612-COIL0012	VAV/Reheat Coil, Rm 1119 (RH#10)
4612-COIL0013	VAV/Reheat Coil, Rm 1120A (RH#12)
4612-COIL0014	VAV/Reheat Coil, Rm 1124 (RH#13)
4612-COIL0015	VAV/Reheat Coil, Rm 1126 (RH#16)
4612-COIL0016	VAV/Reheat Coil, Rm 1204 (RH#19)
4612-COIL0017	VAV/Reheat Coil, Rm 1205 (RH#18)
4612-COIL0018	VAV/Reheat Coil, Rm 1206 (RH#20)
4612-COIL0019	VAV/Reheat Coil, Rm 1209 (RH#21)
4612-COIL0020	VAV/Reheat Coil, Rm 1210 (RH#22)
4612-COIL0021	VAV/Reheat Coil, Rm 1302 (RH#25)
4612-COIL0022	VAV/Reheat Coil, Rm 1302A (RH#24)
4612-COIL0023	VAV/Reheat Coil, Rm 1306 (RH#28)
4612-COIL0024	VAV/Reheat Coil, Rm 1307 (RH#26)
4612-COIL0025	VAV/Reheat Coil, Rm 1309 (RH#27)
4612-COIL0026	VAV/Reheat Coil, Rm 1315 (RH#29)
4612-COIL0027	VAV/Reheat Coil, Rm 1315 (RH#30)
4612-COIL0028	VAV/Reheat Coil, Rm 1315A (RH#31)
4612-COIL0029	VAV/Reheat Coil, Rm 1316 (RH#32)
4612-COIL0030	VAV/Reheat Coil, Rm 1319 (RH#33)
4612-COIL0031	VAV/Reheat Coil, Rm 1319A (RH#37)
4612-COIL0032	VAV/Reheat Coil, Rm 1321 (RH#35)
4612-COIL0033	VAV/Reheat Coil, Rm 1321B (RH#36)
4612-COIL0034	Chilled Water Coil, A-AH0001, Rm 1027
4612-COIL0035	Hot Water/Steam Coil, A-AH0001, Rm 1027
4612-COIL0036	Chilled Water Coil, A-AH0002, Rm E-8
4612-COIL0037	Hot Water/Steam Coil, A-AH0002, Rm E-8
4612-COIL0038	Chilled Water Coil, A-AH0003, Rm 1511/E-6
4612-COIL0039	Hot Water/Steam Coil, A-AH0003, Rm 1511/E-6

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-COIL0040	Chilled Water Coil, A-AH0004, Rm 1039/E-16
4612-COIL0041	Hot Water/Steam Coil, A-AH0004, Rm 1039/E-16
4612-COIL0042	Chilled Water Coil, A-AH0005, Rm 29/E-13
4612-COIL0043	Hot Water/Steam Coil, A-AH0005, Rm 29/E-13
4612-COIL0044	Chilled Water Coil, A-AH0006, Rm 29/E-13
4612-COIL0045	Hot Water/Steam Coil, A-AH0006, Rm 29/E-13
4612-COIL0046	Chilled Water Coil, A-AH0007, Rm 23/E-5
4612-COIL0047	Hot Water/Steam Coil, A-AH0007, Rm 23/E-5
4612-COIL0048	Chilled Water Coil, A-AH0008, Rm 104A/E-9
4612-COIL0049	Hot Water/Steam Coil, A-AH0008, Rm 104A/E-9
4612-COIL0050	Chilled Water Coil, A-AH0009, Rm E-11
4612-COIL0051	Hot Water/Steam Coil, A-AH0009, Rm E-11
4612-COIL0052	Chilled Water Coil, A-AH0010, Rm 4
4612-COIL0053	Hot Water/Steam Coil, A-AH0010, Rm 4
4612-COIL0054	Chilled Water Coil, A-AH0011, Rm 4
4612-COIL0055	Hot Water/Steam Coil, A-AH0011, Rm 4
4612-COIL0056	Chilled Water Coil, A-AH0012, Rm 4
4612-COIL0057	Hot Water/Steam Coil, AH0012, Rm 4
4612-COIL0058	Chilled Water Coil, B-AH0001, Rm 1300/E-2
4612-COIL0059	Hot Water/Steam Coil, B-AH0001, Rm 1300/E-2
4612-COIL0060	Chilled Water Coil, B-AH0002, Rm 1400/E-4
4612-COIL0061	Hot Water/Steam Coil, B-AH0002, Rm 1400/E-4
4612-COIL0062	Chilled Water Coil, B-AH0003, Rm 1301A
4612-COIL0063	Hot Water/Steam Coil, B-AH0003, Rm 1301A
4612-COIL0064	Chilled Water Coil, B-AH0004, Rm 1301B
4612-COIL0065	Hot Water/Steam Coil, B-AH0004, Rm 1301B
4612-COIL0066	Chilled Water Coil, B-AH0005, Rm 1314
4612-COIL0067	Hot Water/Steam Coil, B-AH0005, Rm 1314
4612-COIL0068	Chilled Water Coil, B-AH0006, Rm 1305A
4612-COIL0069	Hot Water/Steam Coil, B-AH0006, Rm 1305A
4612-COIL0070	Chilled Water Coil, B-AH0007, Outside Rm 1311
4612-COIL0071	Hot Water/Steam Coil, B-AH0007, Outside Rm 1311
4612-COIL0072	Chilled Water Coil, B-AH0020, Rm 2400
4612-COIL0073	Hot Water/Steam Coil, B-AH0020, Rm 2400
4612-COIL0074	Chilled Water Coil, C-AH0001, Rm E-1
4612-COIL0075	Hot Water/Steam Coil, C-AH0001, Rm E-1
4612-COIL0076	Chilled Water Coil, D-AH0001, Rm E-3
4612-COIL0077	Hot Water/Steam Coil, D-AH0001, Rm E-3
4612-COIL0078	Chilled Water Coil, D-AH0003, Rm 1000
4612-COIL0079	Hot Water/Steam Coil, D-AH0003, Rm 1000
4612-CONT0001	Contactor, Room 1308B
4612-CRN0001	2-Ton Bridge Crane, Rm 1212 - Disconnect at SOUTH WALL
4612-CRU0001	Computer Room Unit, Rm 1025 - Disconnect at unit
4612-CRU0002	Computer Room Unit, Rm 1311 - Disconnect at unit
4612-CRU0002	Computer Room Unit, Rm 1311 - Disconnect at unit
4612-CRU0003	Computer Room Unit, Rm 1401 - Disconnect at unit
4612-CRU0004	Air Handling Unit, E-11 1500 Wing North Outside
4612-CRU0005	Air Handling Unit, E-11 1500 Wing North Outside
4612-CRU0006	Computer Room Unit, Rm 1502 - Disconnect at unit
4612-CRU0008	Computer Room Unit, Rm 21A - Disconnect at unit
4612D-AH0001	Air Handling Unit, Rm E03 - Disconnect in room E3
4612D-AH0003	Air Handling Unit, Rm 1000 on Platform - Disconnect on unit
4612D-HV0001	Heating Vent Unit, Rm E03

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612D-HWP0001	Hot Water Pump, Rm E03 - Disconnect in room E3
4612D-HWP0002	Hot Water Pump, Rm E03
4612D-LTS0001	Emergency Lighting - Hall by Rm 1109
4612-DOOR0001	Roll-Up Door, Rm 30 East Wall
4612-DOOR0002	Roll-Up Door, Rm 30A East Wall- Disconnect at door
4612-DOOR0003	Roll-Up Door, Room 30B East Wall- Disconnect at door
4612-DOOR0004	Sliding Door, Rm 24, South High Bay East Wall
4612-DOOR0005	Roll-Up Door, Rm 129 North Wall- Disconnect at door
4612-DOOR0007	Sliding Door, Rm 4, South High Bay Center
4612-DOOR0008	Electric Assisted Door, Rm 1406, Outer
4612-DOOR0009	Electric Assisted Door, Rm 1406, Inner
4612-DXAC0001	Direct Expansion AC Unit, Near Rm 1100 Overhead - Disconnect at unit
4612-DXAC0001	Direct Expansion AC Unit, Near Rm 1100 Overhead - Disconnect at unit
4612-DXAC0002	Direct Expansion AC Unit, Rm 1121 - Disconnect at unit
4612-DXAC0003	Direct Expansion AC Unit, Rm 1102 - Disconnect at unit
4612-DXAC0003	Direct Expansion AC Unit, Rm 1102 - Disconnect at unit
4612-EAF0001	Exhaust Blower Fan, Roof East Side - Disconnect at fan motor
4612-EAF0002	Exhaust Blower Fan, Rm 1301 Overhead - Disconnect at fan motor
4612-EAF0003	Fan Exhaust Blower, Room 1116 Overhead
4612-EAF0004	Exhaust Blower Fan, Rm 1115 - Disconnect at fan motor
4612-EAF0005	Exhaust Blower Fan, Rm 1102 - Disconnect at fan motor
4612-EAF0006	Exhaust Blower Fan, Rm 1002 - Disconnect at fan motor
4612-EAF0007	Exhaust Blower Fan, N. Wall Outside Rm 1212 - Disconnect at fan motor
4612-EAF0008	Exhaust Air Fan, 1400 Wing, Outside
4612-EAF0009	Exhaust Blower Fan, Roof South - Disconnect at fan motor
4612-EAF0010	Exhaust Blower Fan, Roof above Rm 1212 - Disconnect at fan motor
4612-EAF0011	Exhaust Blower Fan, Roof Above Rm 1212 - Disconnect at fan motor
4612-EAF0012	Exhaust Blower Fan, Roof Above Rm 1212 - Disconnect at fan motor
4612-EAF0013	Exhaust Blower Fan, Rm 1000 Wing Outside - Disconnect at fan motor
4612-EAF0014	Exhaust Blower Fan, Rm E01 - Disconnect in room E1
4612-EAF0015	Exhaust Blower Fan, 1100 Wing Outside - Disconnect at fan motor
4612-EAF0016	Exhaust Blower Fan, Rm 1039/Rm E16 - Disconnect in room E13
4612-ELEV0001	Hydraulic Elevator, Rm 1400/Rm E04 - Disconnect in room E46A
4612-EW0001	Safety Eyewash, Rm 1308
4612-EW0002	Safety Eyewash, Rm 1116
4612-EW0003	Safety Eyewash, Portable, Rm 1038
4612-EW0004	Safety Eyewash, Portable, Rm 1038B
4612-EW0005	Safety Eyewash, Portable, Rm 1507
4612-EW0006	Safety Eyewash, Sink Mounted, Rm 1128
4612-FAN0001	Booster Fan, Rm 1511/Rm E06 - Disconnect in room E6
4612-FAS0001	Fire Alarm System, 1000 Wing Center
4612-FID0001	Field Interface Device, Rm 1300/Rm E02
4612-FID0002	Field Interface Device, Rm 1511/Rm E06
4612-FID0003	Field Interface Device, Rm 1400/Rm E04
4612-GEN0001	Emergency Generator, Rm 1400/Rm E04, REMOVED 6/3/05
4612-GEN0002	Emergency Generator, Outside South
4612-GEN0003	Generator Emergency, 1500 Wing, N Side, Outside
4612-HDT0001	Hydrogen Detection System, Rm 1002
4612-HDT0002	Hydrogen Detection System, Rm 1002
4612-HP0007	Heat Pump, 1400 Wing East End - Disconnect at unit
4612-HP0008	Heat Pump, Outside Wing 1500 North - Disconnect at unit
4612-HST0001	1-Ton Electric Chain Hoist, Rm 1000
4612-HST0002	1/2-Ton Electric Hoist, Rm 1322 - Disconnect at EAST CORNER

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-HST0003	3-Ton Electric Hoist, South Wing, East End - Disconnect at EAST END NORTH WALL
4612-HST0004	3-Ton Electric Hoist, South Wing, East End - Disconnect at EAST END NORTH WALL
4612-HST0006	1/2-Ton Chain Hoist, Rm 4, NW
4612-HWHD0001	Hot Water Heater - Domestic, Rm 1015 - Disconnect at heater
4612-HWHD0002	Hot Water Heater - Domestic, Rm 1202 - Disconnect at heater
4612-HWHD0003	Hot Water Heater - Domestic, Rm 1511/Rm E06 - Disconnect in room E6
4612-HWHD0004	Hot Water Heater - Domestic, Rm 1125 - Disconnect at heater
4612-HWHD0005	Hot Water Heater - Domestic, Rm 1320 Outside - Disconnect at heater
4612-HWHD0006	Hot Water Heater - Domestic, Platform, Rm 1000 - Disconnect at heater
4612-HWHD0007	Hot Water Heater - Domestic, Rm 1300/Rm E02 - Disconnect in room E2
4612-HWHD0008	Hot Water Heater - Domestic, Rm 23/Rm E05 - Disconnect in room E5
4612-HWP0005	Hot Water Pump, Rm 1300/Rm E02 - Disconnect room E2
4612-ICE0001	Ice Machine, Across from Rm 1119 - Disconnect at machine
4612-LAB0043	Dust Collector, Outside Rm 1123
4612-LAB0044	Dust Collector, Rm 4, East
4612-LAB0045	Refrigeration Unit, Rm 1004 - Disconnect at unit
4612-LDRL0001	Drill Press, Rm 1123 - Disconnect at CORD AND PLUG
4612-LDRL0002	Drill Press, Rm 28 - DISCONNECT ON MACHINE
4612-LDRL0003	Drill Press, Rm 1208 - DISCONNECT ON MACHINE
4612-LDRL0004	Drill Press, Rm 1002 - DISCONNECT ON WEST WALL
4612-LENV0001	Environmental, Rm 1316
4612-LENV0002	Environmental, Rm 1316
4612-LGRN0001	Grinder, Rm 1123 - Disconnect at CORD AND PLUG
4612-LGRN0002	Grinder B, Rm 1002 - Disconnect at CORD AND PLUG
4612-LGRN0003	Grinder, Rm 28 - Disconnect at CORD AND PLUG
4612-LGRN0004	Grinder S, Rm 1123 - DISCONNECT ON N. SIDE OF MACHI
4612-LLTH0001	Lathe, Rm 1123 - DISCONNECT ON NORTH WALL
4612-LLTH0002	Lathe, Rm 1208 - DISCONNECT ON MACHINE
4612-LLTH0003	Lathe, Rm 1002 - DISCONNECT ON W. BOTTOM OF MAC
4612-LMIL0001	Extruding Machine, Rm 1125 - DISCONNECT ON N. SIDE OF MACHI
4612-LMIL0002	Milling Machine, Rm 1123 - Disconnect at CORD AND PLUG
4612-LMIL0003	Milling Machine, Rm 1208 - DISCONNECT ON MACHINE
4612-LMIL0004	Milling Machine, East End, 1500 Wing - DISCONNECT ON MACHINE
4612-LMIL0005	Milling Machine, Rm 1212 - DISCONNECT ON SOUTH WALL
4612-LMIL0006	Milling Machine, Rm 1123 - Disconnect at CORD AND PLUG
4612-LMIL0007	Rubber Mixing Machine, Rm 1125 - DISCONNECT NEAR WEST WALL
4612-LMIL0008	Rubber Mixing Machine, Rm 1125 - DISCONNECT IN PANEL 2PPA ON
4612-LMIL0009	Rubber Mixing Machine, Rm 1125 - DISCONNECT IN PANEL 2PPA ON
4612-LOVN0001	Lab Oven, Rm 1125 - Disconnect at oven
4612-LOVN0002	Lab Oven, Rm 1212 - Disconnect at oven
4612-LPNT0001	Paint Spray, Rm 1111
4612-LPRS0001	Hydraulic Press, Rm 1125 - DISCONNECT ON SOUTH WALL
4612-LPRS0002	Hydraulic Press, Rm 1125 - DISCONNECT ON MACHINE
4612-LPRS0003	Lab Press, Rm 1125 - DISCONNECT ON MACHINE
4612-LPRS0004	Punch Press, East End 1500 Wing - Disconnect at CORD AND PLUG
4612-LPRS0005	Rubber Molding Press, Rm 1125 - DISCONNECT ON S. SIDE OF MACHI
4612-LSAW0001	Abrasive Saw, Rm 1314 - Disconnect at CORD AND PLUG
4612-LSAW0002	Abrasive Saw, Rm 1314 - Disconnect at CORD AND PLUG
4612-LSAW0003	Band Saw, Rm 1002 - DISCONNECT ON MACHINE
4612-LSAW0004	Band Saw, Rm 1123 - DISCONNECT ON N. SIDE OF MACHI
4612-LSAW0005	Band Saw, Rm 28 - Disconnect at CORD AND PLUG
4612-LSAW0006	Radial Arm Saw, Rm 28 - Disconnect on machine
4612-LSDB0001	Sand Blaster, Rm 1212 - DISCONNECT ON NORTH WALL

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-LSHR0001	Shear, East End 1500 Wing - Disconnect at CORD AND PLUG
4612-LSND0001	Sander Belt, Rm 28 - DISCONNECT ON MACHINE
4612-LSND0002	Sander Belt, Rm 28 - DISCONNECT ON NORTH WALL
4612-LSND0003	Sander Belt, Rm 1123 - Disconnect at CORD AND PLUG
4612-LTS0001	Emergency Light, Hallway At Rm. 1036
4612-LTS0001	Emergency Light, Hallway At Rm. 1036
4612-LTS0002	Emergency Light, Hallway At Rm. 1507
4612-LTS0003	Emergency Light, Room 4
4612-LTS0004	Emergency Light, Room 24
4612-LTS0005	Emergency Light, Room 30
4612-LTS0006	Emergency Light, Room 30
4612-LTS0007	Emergency Light, Room 30
4612-LTS0008	Emergency Light, Room 30
4612-LTS0012	Emergency Light, Hallway At Rm. 19
4612-LTS0013	Emergency Light, Room 1008, Conf. Rm.
4612-LTS0014	Emergency Light, Room 10, Womens Br
4612-LTS0015	Emergency Light, Room 11, Mens Br
4612-LVAC0001	Vacuum Chamber, Rm 1212 - Disconnect at chamber
4612-MCC0001	Motor Control Center, Rm E03
4612-MCC0002	Motor Control Center, Rm 1300/Rm E02
4612-MCC0003	Motor Control Center, Rm E01
4612-MCC0004	Motor Control Center, Rm 23/Rm E05
4612-MTS0001	Manual Transfer Switch, Rm 20, PCTC Area
4612-ODT0001	Oxygen Detection System, Hallway Rm 1117
4612-ODT0002	Oxygen Detection System, Hallway Rm 1121
4612-ODT0003	Oxygen Detection System, Hallway Rm 1200
4612-ODT0004	Oxygen Detection System, Hallway Rm 1302
4612-ODT0005	Oxygen Detection System, Hallway Rm 1309
4612-ODT0006	Oxygen Detection System, Hallway Rm 1504
4612-ODT0007	Oxygen Detection System, Rm 3
4612-PNL0001	Panel Board, Rm 1119, Hallway
4612-PNL0002	Panel Board, Outside Rm 1119
4612-PNL0003	Panel Board, Hallway Rm 1119
4612-PNL0004	Panel Board, Rm 1123
4612-PNL0005	Panel Board, Rm 1123
4612-PNL0006	Panel Board, Rm 1123
4612-PNL0007	Panel Board, Rm 1123
4612-PNL0008	Panel Board, Rm 1119
4612-PNL0009	Panel Board, Rm 1117
4612-PNL0010	Panel Board, Hallway Rm 1115
4612-PNL0011	Panel Board, Hallway Rm 1115
4612-PNL0012	Panel Board, Hallway Rm 1111
4612-PNL0013	Panel Board, Rm 1105
4612-PNL0014	Panel Board, Rm 1106
4612-PNL0015	Panel Board, Rm 1101
4612-PNL0016	Panel Board, Rm 1101
4612-PNL0017	Panel Board, Hallway Rm 1101
4612-PNL0018	Panel Board, Hallway Rm 1101
4612-PNL0019	Panel Board, Rm 1208
4612-PNL0020	Panel Board, Rm 1208
4612-PNL0021	Panel Board, Rm 1208
4612-PNL0022	Panel Board, Rm E01
4612-PNL0023	Panel Board, Rm 1304

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-PNL0024	Panel Board, Rm 1304
4612-PNL0025	Panel Board, Rm 1308
4612-PNL0026	Panel Board, Rm 1308
4612-PNL0027	Panel Board, Rm 1308
4612-PNL0028	Panel Board, Hallway Rm 1310
4612-PNL0029	Panel Board, Hallway Rm 1310
4612-PNL0030	Panel Board, Rm 1307
4612-PNL0031	Panel Board, Rm 1309B
4612-PNL0032	Panel Board, Rm 1322
4612-PNL0033	Panel Board, Rm 1322
4612-PNL0034	Panel Board, Rm 1322
4612-PNL0035	Panel Board, Rm E07
4612-PNL0036	Panel Board, Rm 2408A
4612-PNL0037	Panel Board, Rm 1400/Rm E04
4612-PNL0038	Panel Board, Rm E09
4612-PNL0039	Panel Board, Rm 105/Rm E10
4612-PNL0040	Panel Board, Rm 1400/Rm E04
4612-PNL0041	Panel Board, Rm 1400/Rm E04
4612-PNL0042	Panel Board, Rm 105/Rm E10
4612-PNL0043	Panel Board, Rm 105/Rm E10
4612-PNL0044	Panel Board, Rm 105/Rm E10
4612-PNL0045	Panel Board, Rm E12
4612-PNL0046	Panel Board, Rm E12
4612-PNL0047	Panel Board, Rm E12
4612-PNL0048	Panel Board, Rm E12
4612-PNL0049	Panel Board, Rm E12
4612-PNL0050	Panel Board, Hallway Rm 1403
4612-PNL0051	Panel Board, Rm 1414
4612-PNL0052	Panel Board, Rm 1410
4612-PNL0053	Panel Board, Hallway Rm 1013
4612-PNL0054	Panel Board, Hallway Rm 1018
4612-PNL0055	Panel Board, Hallway Rm 1032
4612-PNL0056	Panel Board, Rm 1038
4612-PNL0057	Panel Board, Rm 1038
4612-PNL0058	Panel Board, Rm 1038B
4612-PNL0059	Panel Board, Hallway Rm 1505
4612-PNL0060	Panel Board, Hallway Rm 1505
4612-PNL0061	Panel Board, Rm 1504
4612-PNL0062	Panel Board, Rm 1502
4612-PNL0063	Panel Board, Rm 1502
4612-PNL0064	Panel Board, Rm 1507
4612-PNL0065	Panel Board, Rm 1507
4612-PNL0066	Panel Board, Rm 1510
4612-PNL0067	Panel Board, Rm 1510
4612-PNL0068	Panel Board, Rm 1508
4612-PNL0069	Panel Board, Rm 1508
4612-PNL0070	Panel Board, Rm 1509
4612-PNL0071	Panel Board, Rm 1129
4612-PNL0072	Panel Board, Rm 1000
4612-PNL0073	Panel Board, Rm E11
4612-PNL0074	Panel Board, Rm 1025
4612-PNL0075	Panel Board, Rm 1025
4612-PNL0076	Panel Board, Rm 1025

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-PNL0077	Panel Board, Rm 1025
4612-PNL0078	Panel Board, Rm 23/Rm E05
4612-PNL0079	Panel Board, Rm 23/Rm E05
4612-PNL0080	Panel Board, Rm 1204A/Rm E14
4612-PNL0081	Panel Board, Rm 1204A/Rm E14
4612-PNL0082	Panel Board, Rm 1300/Rm E02
4612-PNL0083	Panel Board, Rm 1300/Rm E02
4612-PNL0084	Panel Board, Rm 1511/Rm E06
4612-PNL0085	Panel Board, Rm 1511/Rm E06
4612-PNL0086	Panel Board, Rm 1511/Rm E06
4612-PNL0087	Panel Board, Rm 20
4612-PNL0088	Panel Board, Rm 20
4612-PNL0089	Panel Board, Rm 20 North Wall
4612-PNL0090	Panel Board, Rm 19
4612-PNL0091	Panel Board, Rm 22
4612-PNL0092	Panel Board, High Bay, North Wall
4612-PNL0093	Panel Board, Rm 24 South Wall
4612-PNL0094	Panel Board, High Bay North Wall, Rm 4
4612-PNL0095	Panel Board, High Bay, North Wall, Rm 4
4612-PNL0096	Panel Board, Rm 24
4612-PNL0097	Panel Board, Rm 28
4612-PNL0098	Panel Board, Rm 26
4612-PNL0099	Panel Board, Rm 24
4612-PNL0100	Panel Board, Rm 21
4612-PNL0101	Panel Board, Rm 21A
4612-PNL0102	Panel Board, Entry way near Rm 5, Bldg 4612
4612-PNL0103	Panel Board, High Bay, North Wall, Rm 4
4612-PNL0104	Panel Board, Rm 1401 Under Stairs
4612-PNL0105	Panel Board, Rm 1025
4612-PNL0106	Panel Board, Rm 1305C
4612-PNL0107	Panel Board, Rm 1025
4612-PNL0108	Panel Board, Rm 1314
4612-PNL0109	Panel Board, Rm 1316
4612-PNL0110	Panel Board, Rm 1309
4612-PNL0111	Panel Board, Rm 1401
4612-PNL0112	Panel Board, Rm 18
4612-PNL0114	Panel Board, Rm 1401
4612-PNL0116	Panel Board, Rm 4
4612-PNL0117	Panel Board, Outside Rm 1123
4612-PNL0118	Panel Board, Outside Rm 1212
4612-PNL0119	Panel Board, Outside Rm 1104
4612-PNL0120	Panel Board, Outside Rm 1104
4612-PNL0121	Panel Board, Rm 4
4612-PNL0122	Panel Board, Rm 4
4612-RLY0001	Relay, Room 1002
4612-ROOF0001	Roof, Main, Bldg 4612
4612-ROOF0002	Roof, Bldg 4612
4612-ROOF0003	Roof, Bldg 4612
4612-ROOF0004	Roof, Bldg 4612
4612-ROOF0005	Roof, Bldg 4612
4612-ROOF0006	Roof, Bldg 4612
4612-ROOF0007	Roof, Bldg 4612
4612-ROOF0008	Roof, Bldg 4612

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-ROOF0009	Roof, Bldg 4612
4612-ROOF0010	Roof, Bldg 4612
4612-ROOF0011	Roof, Bldg 4612
4612-ROOF0012	Roof, Bldg 4612
4612-SH0001	Safety Shower, Rm 1109
4612-SHEW0001	Safety Shower & Eyewash, Rm 1126
4612-SHEW0002	Safety Shower & Eyewash, Rm 1118
4612-SHEW0003	Safety Shower & Eyewash, Rm 1105
4612-SHEW0004	Safety Shower & Eyewash, Rm 1318
4612-SHEW0005	Safety Shower & Eyewash, Rm 1309
4612-SHEW0006	Safety Shower & Eyewash, Rm 1322
4612-SHEW0007	Safety Shower & Eyewash, Rm 1500
4612-SHEW0008	Safety Shower & Eyewash, Rm 1504
4612-SHEW0009	Safety Shower & Eyewash, Rm 1508
4612-SHEW0010	Safety Shower & Eyewash, Rm E09
4612-SHEW0011	Safety Shower & Eyewash, Rm 1124
4612-SHEW0012	Safety Shower & Eyewash, Rm 4
4612-SHEW0013	Safety Shower & Eyewash, Rm 1
4612-SHEW0014	Safety Shower & Eyewash, Rm 30 High Bay Area
4612-SPR0001	Sprinkler System, Rm 1322
4612-SPR0002	Sprinkler System, Rm 1128
4612-SPR0003	Sprinkler System, Outside 1300 Wing
4612-SPR0004	Sprinkler System, South Wing, East End
4612-SS0001	Safety Switch, Room 1100
4612-SS0002	Safety Switch, Room 1101
4612-SS0003	Safety Switch, Room 1101
4612-SS0004	Safety Switch, Room 1101
4612-SS0005	Safety Switch, Room 1105
4612-SS0006	Safety Switch, Room 1105A
4612-SS0007	Safety Switch, Room 1105A
4612-SS0008	Safety Switch, Room 1106
4612-SS0009	Safety Switch, Room 1106
4612-SS0010	Safety Switch, Room 1106
4612-SS0011	Safety Switch, Room 1106
4612-SS0012	Safety Switch, Room 1106
4612-SS0013	Safety Switch, Room 1111
4612-SS0014	Safety Switch, Room 1111
4612-SS0015	Safety Switch, Room 1111
4612-SS0016	Safety Switch, Room 1111
4612-SS0017	Safety Switch, Room 1111
4612-SS0018	Safety Switch, Room 1111
4612-SS0019	Safety Switch, Room 1113
4612-SS0020	Safety Switch, Room 1113
4612-SS0021	Safety Switch, Room 1113
4612-SS0022	Safety Switch, Room 1113
4612-SS0023	Safety Switch, Room 1113
4612-SS0024	Safety Switch, Room 1113
4612-SS0025	Safety Switch, Room 1113
4612-SS0026	Safety Switch, Room 1117
4612-SS0027	Safety Switch, Room 1117
4612-SS0028	Safety Switch, Hall At Room 1119
4612-SS0029	Safety Switch, Hall At Room 1119
4612-SS0030	Safety Switch, Hall At Room 1119

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-SS0031	Safety Switch, Hall At Room 1119
4612-SS0032	Safety Switch, Room 1122
4612-SS0033	Safety Switch, Room 1123
4612-SS0034	Safety Switch, Room 1123
4612-SS0035	Safety Switch, Room 1123
4612-SS0036	Safety Switch, Room 1123
4612-SS0037	Safety Switch, Room 1123
4612-SS0038	Safety Switch, Room 1125
4612-SS0039	Safety Switch, Room 1125
4612-SS0040	Safety Switch, Room 1125
4612-SS0041	Safety Switch, Room 1125
4612-SS0042	Safety Switch, Room 1125
4612-SS0043	Safety Switch, Room 1125
4612-SS0044	Safety Switch, Room 1125
4612-SS0045	Safety Switch, Room 1125
4612-SS0046	Safety Switch, Room 1125
4612-SS0047	Safety Switch, Room 1128
4612-SS0048	Safety Switch, Room 1128
4612-SS0049	Safety Switch, Room 1128
4612-SS0050	Safety Switch, Room 1128
4612-SS0051	Safety Switch, Room 1122
4612-SS0052	Safety Switch, Hall At Room 129
4612-SS0053	Safety Switch, Room 1204
4612-SS0054	Safety Switch, Room 1202
4612-SS0055	Safety Switch, Room 1207
4612-SS0056	Safety Switch, Room 1207
4612-SS0057	Safety Switch, Room 1209
4612-SS0058	Safety Switch, Room 1209
4612-SS0059	Safety Switch, Room 1209
4612-SS0060	Safety Switch, Room 1209
4612-SS0061	Safety Switch, Room 1209
4612-SS0062	Safety Switch, Room 1206
4612-SS0063	Safety Switch, Room 1206
4612-SS0064	Safety Switch, Room 1206
4612-SS0065	Safety Switch, Room 1206
4612-SS0066	Safety Switch, Room 1206
4612-SS0067	Safety Switch, Room 1206
4612-SS0068	Safety Switch, Room 1208
4612-SS0069	Safety Switch, Room 1208
4612-SS0070	Safety Switch, Room 1208
4612-SS0071	Safety Switch, Room 1208
4612-SS0072	Safety Switch, Room 1208
4612-SS0073	Safety Switch, Room 1208
4612-SS0074	Safety Switch, Room 1211
4612-SS0075	Safety Switch, Room 1211
4612-SS0076	Safety Switch, Room 1211
4612-SS0077	Safety Switch, Room 1213
4612-SS0078	Safety Switch, Room 1210
4612-SS0079	Safety Switch, Room 1212
4612-SS0080	Safety Switch, Room 1212
4612-SS0081	Safety Switch, Room 1212
4612-SS0082	Safety Switch, Room 1212
4612-SS0083	Safety Switch, Room 1212

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-SS0084	Safety Switch, Room 1212
4612-SS0085	Safety Switch, Room 1212
4612-SS0086	Safety Switch, Room 1212
4612-SS0087	Safety Switch, Room 1212
4612-SS0088	Safety Switch, Room 1212
4612-SS0089	Safety Switch, Room 1212
4612-SS0090	Safety Switch, Room 1212
4612-SS0091	Safety Switch, Room 1212
4612-SS0092	Safety Switch, Room 1212
4612-SS0093	Safety Switch, Room 1212
4612-SS0094	Safety Switch, Room 1212
4612-SS0095	Safety Switch, Room 1212
4612-SS0096	Safety Switch, Room 1212
4612-SS0097	Safety Switch, Room 1212
4612-SS0098	Safety Switch, Room 1305
4612-SS0099	Safety Switch, Room 1305C
4612-SS0100	Safety Switch, Room 1305C
4612-SS0101	Safety Switch, Room 1304
4612-SS0102	Safety Switch, Room 1314
4612-SS0103	Safety Switch, Room 1316
4612-SS0104	Safety Switch, Room 1316
4612-SS0105	Safety Switch, Room 1316
4612-SS0106	Safety Switch, Room 1316
4612-SS0107	Safety Switch, Room 1316
4612-SS0108	Safety Switch, Room 1401
4612-SS0109	Safety Switch, Room 2400, E-07
4612-SS0110	Safety Switch, Room 2400, E-07
4612-SS0111	Safety Switch, Room 1309
4612-SS0112	Safety Switch, Room 1309
4612-SS0113	Safety Switch, Room 1309B
4612-SS0114	Safety Switch, Room 1311
4612-SS0115	Safety Switch, Room 1322
4612-SS0116	Safety Switch, Room 1322
4612-SS0117	Safety Switch, Room 1322
4612-SS0118	Safety Switch, Room 1322
4612-SS0119	Safety Switch, Room 1322
4612-SS0120	Safety Switch, Room 1322
4612-SS0121	Safety Switch, Room 1015
4612-SS0122	Safety Switch, Room 1025
4612-SS0123	Safety Switch, Room 1027
4612-SS0124	Safety Switch, Room 1508A
4612-SS0125	Safety Switch, Room 1508A
4612-SS0126	Safety Switch, Room 1508A
4612-SS0127	Safety Switch, Room 1508A
4612-SS0128	Safety Switch, Room 1504
4612-SS0129	Safety Switch, Room 1504B
4612-SS0130	Safety Switch, Room 1504B
4612-SS0131	Safety Switch, Room 1504B
4612-SS0132	Safety Switch, Room 1504B
4612-SS0133	Safety Switch, Room 1504B
4612-SS0134	Safety Switch, Room 1504B
4612-SS0135	Safety Switch, Room 4
4612-SS0136	Safety Switch, Room 4

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-SS0137	Safety Switch, Room 4
4612-SS0138	Safety Switch, Room 4
4612-SS0139	Safety Switch, Room 4
4612-SS0140	Safety Switch, Room 4
4612-SS0141	Safety Switch, Room 4
4612-SS0142	Safety Switch, Room 21
4612-SS0143	Safety Switch, Room 24
4612-SS0144	Safety Switch, Room 24
4612-SS0145	Safety Switch, Room 28
4612-SS0146	Safety Switch, Room 24
4612-SS0147	Safety Switch, Room 4
4612-SS0148	Safety Switch, Room 24
4612-SS0149	Safety Switch, Room 30
4612-SS0150	Safety Switch, Room 30
4612-SS0151	Safety Switch, Room 30
4612-SS0152	Safety Switch, Room 30B
4612-SS0153	Safety Switch, Room 30B
4612-SS0154	Safety Switch, Room 30B
4612-SS0155	Safety Switch, Room 29, E-13
4612-SS0156	Safety Switch, Room 29, E-12
4612-SS0157	Safety Switch, Room 29, E-12
4612-SS0158	Safety Switch, Room 23, E-05
4612-SS0159	Safety Switch, Room 23, E-05
4612-SS0160	Safety Switch, Outside Room E-05
4612-SS0161	Safety Switch, Room 105, E-10
4612-SS0162	Safety Switch, Room 105, E-10
4612-SS0163	Safety Switch, Room 106, E-11
4612-SS0164	Safety Switch, Room 106, E-11
4612-SS0165	Safety Switch, Outside Room E-11
4612-SS0166	Safety Switch, Outside Room 28
4612-SS0167	Safety Switch, Outside Room 28
4612-SS0168	Safety Switch, Outside Room 28
4612-SS0169	Safety Switch, Room 1301D, E-12
4612-SS0170	Safety Switch, Room 1301D, E-12
4612-SS0171	Safety Switch, Room 1301D, E-12
4612-SS0172	Safety Switch, Room 1301D, E-12
4612-SS0173	Safety Switch, Room 1301D, E-12
4612-SS0174	Safety Switch, Room 1301D, E-12
4612-SS0175	Safety Switch, Room 1301D, E-12
4612-SS0176	Safety Switch, Outside Room 23
4612-SS0177	Safety Switch, Outside By Hp0007
4612-SS0178	Safety Switch, Room 1400, E-04
4612-SS0179	Safety Switch, Room 1400, E-04
4612-SS0180	Safety Switch, Room 1400, E-04
4612-SS0181	Safety Switch, Room 1400, E-04
4612-SS0182	Safety Switch, Room 1400, E-04
4612-SS0183	Safety Switch, Room 1400, E-04
4612-SS0184	Safety Switch, Room 1400, E-04
4612-SS0185	Safety Switch, Room E-18
4612-SS0186	Safety Switch, Room E-18, Upper Area
4612-SS0187	Safety Switch, Room 1300, E-02
4612-SS0188	Safety Switch, Room 1215, E-01
4612-SS0189	Safety Switch, Room 1215, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-SS0190	Safety Switch, Room 106, E-11
4612-SS0191	Safety Switch, Room 106, E-11
4612-SS0192	Safety Switch, Room 106, E-11
4612-SS0193	Safety Switch, Room 106, E-11
4612-SS0194	Safety Switch, Room 106, E-11
4612-SS0195	Safety Switch, Room 106, E-11
4612-SS0196	Safety Switch, Room 1503, E-08
4612-SS0197	Safety Switch, Room 8
4612-SS0198	Safety Switch, Room 1130
4612-SS0199	Safety Switch, Room 1130
4612-SS0200	Safety Switch, Room 1130
4612-SS0201	Safety Switch, Room 1130
4612-SS0202	Safety Switch, East Yard At Coolers
4612-SS0203	Safety Switch, East Yard At Coolers
4612-SS0204	Safety Switch, East Yard At Coolers
4612-SS0205	Safety Switch, Yard At Room 7
4612-SS0206	Safety Switch, Room 1204B, E-15
4612-SS0207	Safety Switch, Room 1204B, E-15
4612-SS0208	Safety Switch, Room 1204B, E-15
4612-SS0209	Safety Switch, Room 1204A, E-14
4612-SS0210	Safety Switch, Room 5
4612-SS0211	Safety Switch, Room 1000
4612-SS0212	Safety Switch, Room 1000
4612-SS0213	Safety Switch, Room 1000
4612-SS0214	Safety Switch, Room 1000
4612-SS0215	Safety Switch, Room 1000
4612-SS0216	Safety Switch, Room 1000
4612-SS0217	Safety Switch, Room 1000
4612-SS0218	Safety Switch, Room 1000
4612-SS0219	Safety Switch, Room 1000
4612-SS0220	Safety Switch, Room 1000
4612-SS0221	Safety Switch, Room 1000
4612-SS0222	Safety Switch, Room 2002
4612-SS0223	Safety Switch, Room 2002
4612-SS0224	Safety Switch, Room 1039, E-16
4612-SS0225	Safety Switch, Room 1039, E-16
4612-SS0226	Safety Switch, Room 1039, E-16
4612-SS0227	Safety Switch, Room 1039, E-16
4612-SS0228	Safety Switch, Room 1039, E-16
4612-SS0229	Safety Switch, Room 1039, E-16
4612-SS0230	Safety Switch, Room 1039, E-16
4612-SS0231	Safety Switch, Room 1503, E-08
4612-SS0232	Safety Switch, Room 1503, E-08
4612-SS0233	Safety Switch, Room 1511, E-06
4612-SS0234	Safety Switch, Room 1511, E-06
4612-SS0235	Safety Switch, Room 1511, E-06
4612-SS0236	Safety Switch, Room 1511, E-06
4612-SS0237	Safety Switch, Room E-03, Roof
4612-SS0238	Safety Switch, Room E-03, Roof
4612-SS0239	Safety Switch, Room E-03, Roof
4612-SS0240	Safety Switch, Room E-03, Roof
4612-SS0241	Safety Switch, Outside Room 8, Ac
4612-SS0242	Safety Switch, Outside Room 8

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4612-SS0243	Safety Switch, Room 1401A
4612-SS0244	Safety Switch, Room 1115
4612-SS0245	Safety Switch, Room 1115
4612-SS0246	Safety Switch, Room 1115
4612-SS0247	Safety Switch, Room 1115
4612-SS0248	Safety Switch, Room 1116
4612-SS0249	Safety Switch, Room 1116
4612-SS0250	Safety Switch, Room 1116
4612-SS0251	Safety Switch, Room 1128
4612-SS0252	Safety Switch, Room 1505
4612-SS0253	Safety Switch, Room 1505
4612-SS0254	Safety Switch, Room 1505
4612-SS0255	Safety Switch, Room 1505
4612-SS0256	Safety Switch, Room 1505
4612-SS0257	Safety Switch, Room 1505
4612-SS0258	Safety Switch, Roof Fan
4612-SS0259	Safety Switch, Roof Fan
4612-SS0260	Safety Switch, Roof Fan
4612-SS0261	Safety Switch, Roof Fan
4612-SSS0001	Starter Safety Switch, Room 1117
4612-SSS0002	Starter Safety Switch, Room 1117
4612-SSS0003	Starter Safety Switch, Room 1125
4612-SSS0004	Starter Safety Switch, Room 1212
4612-SSS0005	Starter Safety Switch, Room 1212
4612-SSS0006	Starter Safety Switch, Room 1212
4612-SSS0007	Starter Safety Switch, Hallway At Rm. 19
4612-SSS0008	Starter Safety Switch, Room 4
4612-SSS0009	Starter Safety Switch, Room 24
4612-SSS0010	Starter Safety Switch, Room 30
4612-SSS0011	Starter Safety Switch, Room 30B
4612-SSS0012	Starter Safety Switch, Room 29, E-13
4612-SSS0013	Starter Safety Switch, Room 23, E-05
4612-SSS0014	Starter Safety Switch, Outside Room 23
4612-SSS0015	Starter Safety Switch, Outside Room 23
4612-SSS0016	Starter Safety Switch, Room E-18
4612-SSS0017	Starter Safety Switch, Room E-18
4612-SSS0018	Starter Safety Switch, Room 1300, E-02
4612-SSS0019	Starter Safety Switch, Room 1215, E-01
4612-SSS0020	Starter Safety Switch, Room 8
4612-SSS0021	Starter Safety Switch, Room 1505
4612-SSS0022	Starter Safety Switch, Room 1505
4612-SSS0023	Starter Safety Switch, Room 1505
4612-SSS0025	Starter Safety Switch, Room 1000
4612-STRT0001	Starter, Room 1125
4612-STRT0002	Starter, Room 1117
4612-STRT0003	Starter, Room 1118
4612-STRT0004	Starter, Room 1118
4612-STRT0005	Starter, Room 1123
4612-STRT0006	Starter, Room 1125
4612-STRT0007	Starter, Room 1210
4612-STRT0008	Starter, Room 1212
4612-STRT0009	Starter, Room 1212
4612-STRT0010	Starter, Room 1212

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-STRT0011	Starter, Room 1305C
4612-STRT0012	Starter, Room 2400, E-01
4612-STRT0013	Starter, Room 2400, E-01
4612-STRT0014	Starter, Room 1025
4612-STRT0015	Starter, Room 1038B
4612-STRT0016	Starter, Room 1038
4612-STRT0017	Starter, Room 1508A
4612-STRT0018	Starter, Room 1508A
4612-STRT0019	Starter, Room 1508A
4612-STRT0020	Starter, Room 1504B
4612-STRT0021	Starter, Room 1504B
4612-STRT0022	Starter, Room 1504B
4612-STRT0023	Starter, Room 4
4612-STRT0024	Starter, Room 4
4612-STRT0025	Starter, Room 29, E-13
4612-STRT0026	Starter, Room 29, E-13
4612-STRT0027	Starter, Room 23, E-05
4612-STRT0028	Starter, Room 23, E-05
4612-STRT0029	Starter, Room 104A, E-09
4612-STRT0030	Starter, Room 106, E-11
4612-STRT0031	Starter, Room 106, E-11
4612-STRT0032	Starter, Outside Room 23
4612-STRT0033	Starter, Room 1400, E-04
4612-STRT0034	Starter, Room 1400, E-04
4612-STRT0035	Starter, Room 1400, E-04
4612-STRT0036	Starter, Room E-18
4612-STRT0037	Starter, Room 1039, E-16
4612-STRT0038	Starter, Room 16
4612-STRT0039	Starter, Room 1215, E-01
4612-STRT0040	Starter, Room 106, E-11
4612-STRT0041	Starter, Room 1204B, E-15
4612-STRT0042	Starter, Room 1000
4612-STRT0043	Starter, Room 2002
4612-STRT0044	Starter, Room 1503, E-08
4612-STRT0045	Starter, Room 1503, E-08
4612-STRT0046	Starter, Room 1503, E-08
4612-STRT0047	Starter, Room 1511, E-06
4612-STRT0048	Starter, Room 1511, E-06
4612-STRT0049	Starter, Room 1511, E-06
4612-STRT0050	Starter, Room E-03, Roof
4612-STRT0051	Starter, Room 1115
4612-SUB0001	Substation, South, North Wing
4612-SUB0002	Substation, South, PCTC
4612-SWBD0001	Switch Board, Rm E09
4612-SWBD0002	Switch Board, Room 1115
4612-TMR0001	Timer, Room E-03, Roof
4612-TMR0002	Timer, Room 1215, E-01
4612-TMR0003	Timer, Room 1300, E-02
4612-TMR0004	Timer, Room 23, E-05
4612-TMR0005	Timer, Room 1400, E-04
4612-UH0001	Unit Heater Electric, E-11
4612-UH0002	Unit Heater Steam, Rm 1406
4612-UH0003	Unit Heater Steam, Rm 30A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4612-UH0004	Unit Heater Steam, E-13
4612-UH0005	Unit Heater Steam, E-5
4612-UH0006	Unit Heater Steam, E-12
4612-UH0007	Unit Heater Steam, E-2
4612-UPS0001	UPS Power System, Rm E09
4612-UPS0002	Ups Power System, Room 1401
4612-UPS0003	Ups Power System, Room 1204A, E-14
4612-XFMR0001	Transformer, Rm 1123
4612-XFMR0002	Transformer, Rm E01
4612-XFMR0003	Transformer, Rm 105/Rm E10
4612-XFMR0004	Transformer, Rm 105/Rm E10
4612-XFMR0005	Transformer, Rm E12
4612-XFMR0006	Transformer, Rm E12
4612-XFMR0007	Transformer, Rm E12
4612-XFMR0008	Transformer, Rm E12
4612-XFMR0009	Transformer, Rm E12
4612-XFMR0010	Transformer, Rm 1129
4612-XFMR0011	Transformer, Rm 1000
4612-XFMR0012	Transformer, Rm 23/Rm E05
4612-XFMR0013	Transformer, Rm 1204A/Rm E14
4612-XFMR0014	Transformer, Rm 1511/Rm E06
4612-XFMR0015	Transformer, Rm 1039/Rm E16
4612-XFMR0016	Transformer, Rm 24
4612-XFMR0017	Transformer, Rm 4
4612-XFMR0018	Transformer, Room 1123
4612-XFMR0019	Transformer, Room 1123
4612-XFMR0020	Transformer, Rm. 1401A, Under Stairs
4612-XFMR0021	Transformer, Room 28
4612-XFMR0022	Transformer, Room 1400, E-04
4612-XFMR0023	Transformer, Room 105, E-10
4612-XFMR0024	Transformer, Room 1511, E6
4612-XFMR0025	Transformer, Room 4
4612-XFMR0026	Transformer, Room 1212
4612-XFMR0027	Transformer, Room 1301D, E-12
4612-XFMR0028	Transformer, Room E-16
4612-XFMR0029	Transformer, Room 1204A, E-14
4612-XFMR0030	Transformer, Room 1204A, E-14
4613-ACMP0001	Air Compressor Control, Rm 100/Rm E01 - Disconnect room E1
4613-ACMP0002	Air Compressor Control, Rm 100/Rm E01 - Disconnect room E1
4613-ADRY0001	Air Dryer, Rm 100/Rm E01 - Disconnect room E1
4613-CBP0001	Circuit Breaker Panel, Room 100, E-01
4613-CBP0002	Circuit Breaker Panel, Room 100, E-01
4613-CBP0003	Circuit Breaker Panel, Room 100, E-01
4613-CHWP0001	Chill Water Pump, Rm 100/Rm E01 - Disconnect room E1
4613-CHWP0002	Chill Water Pump, Rm 100/Rm E01 - Disconnect room E1
4613-EAF0001	Exhaust Air Fan, Room 100
4613-FID0001	Field Interface Device, Rm 100/Rm E01
4613-MCC0001	Motor Control Center, Rm 100/Rm E01
4613-MCC0002	Motor Control Center, Rm 100/Rm E01
4613-MCC0003	Motor Control Center, Rm 100/Rm E01, South Wall
4613-ROOF0001	Roof, Main, Bldg 4613
4613-SS0001	Safety Switch, Room 100, E-01
4613-SS0002	Safety Switch, Room 100, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4613-SS0003	Safety Switch, Room 100, E-01
4613-SS0004	Safety Switch, Room 100, E-01
4613-SS0005	Safety Switch, Room 100, E-01
4613-SS0007	Safety Switch, Room 100, E-01
4613-STRT0001	Starter, Room 100, E-01
4613-STRT0002	Starter, Room 100, E-01
4613-SUB0001	Substation, East
4613-SWBD0001	Switch Board, Rm 100/Rm E01
4613-SWBD0002	Switch Board, Rm 100/Rm E01
4613-SWBD0003	Switch Board, Rm 100/Rm E01, North Wall
4613-SWBD0004	Switch Board, Rm 100/Rm E01, North Wall
4613-TMR0001	Timer, Room 101, E-01
4613-VSC0001	Variable Speed Control, Rm 100 Assoc. w/ CHWP
4613-VSC0002	Variable Speed Control, Rm 100 Assoc. w/ CHWP
4613-XFMR0001	Transformer, Rm 100/Rm E01
4613-XFMR0002	Transformer, Rm 100/Rm E01, North Wall
4613-XFMR0003	Transformer, Rm 100/Rm E01, North Wall
4614-ACMP0001	Air Compressor Control, Rm 107 - Disconnect room 107
4614-CTWR0001	Cooling Tower, SW Outside - Disconnect on SW side
4614-CWP0001	Condenser Water Pump, Rm 107 - Disconnect at pump
4614-DOOR0001	Roll-Up Door, Southeast Corner - Disconnect at door
4614-DXAC0001	Direct Expansion AC Unit, Rm 107 - Disconnect at unit
4614-DXAC0002	Direct Expansion AC Unit, Rm 107 - Disconnect at unit
4614-FAS0001	Fire Alarm System
4614-HWHD0001	Hot Water Heater - Domestic, Rm 107 - Disconnect at heater
4614-LTS0001	Emergency Lighting - Hall By Rm 108
4614-PNL0001	Panel Board, Rm 107
4614-PNL0002	Panel Board, Rm 107
4614-PNL0003	Panel Board, Rm 108
4614-PNL0004	Panel Board, Rm 108
4614-RLY0001	Relay, Room 107
4614-RLY0002	Relay, Room 107
4614-ROOF0001	Roof, Main, Bldg 4614
4614-ROOF0002	Roof, Bldg 4614
4614-ROOF0003	Roof, Bldg 4614
4614-SS0001	Safety Switch, Room 112
4614-SS0002	Safety Switch, Room 112
4614-SS0003	Safety Switch, Room 112
4614-SS0004	Safety Switch, Room 107
4614-SS0005	Safety Switch, Room 109
4614-SS0006	Safety Switch, Outside, South
4614-STRT0001	Starter, Room 112
4614-STRT0002	Starter, Room 107
4614-STRT0003	Starter, Room 107
4614-STRT0004	Starter, Room 107
4614-TMR0001	Timer, Room 107
4614-XFMR0001	Transformer, Rm 107
4616-CBP0001	Circuit Breaker Panel, North Wall
4616-DOOR0001	Sliding Door, Manual, North Side - Disconnect at door
4616-LTS0001	Emergency Light, East Wall
4616-LTS0002	Emergency Light, West Wall
4616-PNL0001	Panel Board, North Wall
4616-ROOF0001	Roof, Main, Bldg 4616

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4616-SS0001	Safety Switch, North Wall
4616-SS0002	Safety Switch, North Wall
4616-SS0003	Safety Switch, North Wall
4616-SS0004	Safety Switch, North Wall
4616-SS0005	Safety Switch, North Wall
4616-SS0006	Safety Switch, North Wall
4616-XFMR0001	Transformer, North Wall
4617-PNL0001	Panel Board, West Outside
4617-ROOF0001	Roof, Main, Bldg 4617
4617-ROOF0002	Roof, Bldg 4617
4617-SH0001	Safety Shower, North Outside
4617-SHEW0001	Safety Shower, North Side, Outside
4617-SS0001	Safety Switch, Outside, West
4617-SS0002	Safety Switch, Outside, South
4617-SS0003	Safety Switch, Room 8
4617-STRT0001	Starter, Outside, South
4617-XFMR0001	Transformer, Outside, West
4618-ACMP0002	Air Compressor Control, Rm 201A - Disconnect room
4618-ACMP0003	Air Compressor Control, Room 201A
4618-ADRY0002	Air Dryer, Next to Rm 105 - Disconnect at dryer
4618-ADRY0003	Air Dryer, Rm 201/Rm E02 - Disconnect room E2
4618-AH0001	Air Handling Unit, Rm 201/Rm E02 - Disconnect room E2
4618-AH0002	Air Handling Unit, Rm 201A - Disconnect on unit
4618-BFP0001	Back Flow Preventer - Hot Water, Rm 201/Rm E2
4618-CBP0001	Circuit Breaker Panel, Room 101A, E. Wall
4618-CBS0001	Circuit Breaker Starter, Room 101, E. Wall
4618-CBS0002	Circuit Breaker Starter, Room 101, E. Wall
4618-CBS0003	Circuit Breaker Starter, Room 101, E. Wall
4618-CBS0004	Circuit Breaker Starter, Room 101, E. Wall
4618-CBS0005	Circuit Breaker Starter, Outside, South
4618-CBS0006	Circuit Breaker Starter, Outside, South
4618-COIL001A	Chilled Water Coil, AH0001, Rm 201/E-2
4618-COIL001B	Hot Water/Steam Coil, AH0001, Rm 201/E-2
4618-COIL002A	Chilled Water Coil, AH0002, Rm 201A
4618-COIL002B	Hot Water/Steam Coil, AH0002, Rm 201A
4618-DOOR0001	Roll-Back Door, North, Rm 100 - Disconnect at door
4618-DOOR0002	Roll-Up Door, West, Rm 101 - Disconnect at door
4618-EW0001	Safety Eyewash, High Bay, Rm 100
4618-FAS0001	Fire Alarm System, 2nd Floor SE Hallway
4618-FID0001	Field Interface Device, Rm 201/Rm E02
4618-HST0001	1/2-Ton Electric Hoist, High Bay, Rm 100 - Disconnect at NORTH WALL
4618-HV0001	Heating Vent, Rm 201
4618-HWHD0001	Hot Water Heater - Domestic, Rm 201/Rm E02 - Disconnect room E2
4618-HWP0001	Hot Water Pump, Rm 201/Rm E02 - Disconnect room E2
4618-HWP0002	Hot Water Pump, Rm 201/Rm E02 - Disconnect room E2
4618-LTS0001	Emergency Lighting - High Bay, Rm 100 by Rm 107
4618-LTS0002	Emergency Lighting - High Bay, by Rm 101A
4618-LTS0003	Emergency Lighting - High Bay, W. Wall, Rm 100
4618-LTS0004	Emergency Lighting - Rm 101A
4618-LTS0005	Emergency Lighting - Rm 103
4618-LTS0006	Emergency Lighting - 101A Stairs
4618-LTS0007	Emergency Lighting - Rm 200
4618-MCC0001	Motor Control Center, Rm 201/Rm E02

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4618-ODT0001	Oxygen Detection System, North, Rm 100
4618-ODT0002	Oxygen Detection System, Inside West Shed
4618-ODT0003	Oxygen Detection System, Rm 101A
4618-PNL0001	Panel Board, Rm 201/Rm E02
4618-PNL0002	Panel Board, High Bay, South Wall, Rm 100
4618-PNL0003	Panel Board, High Bay, South Wall, Rm 100
4618-PNL0004	Panel Board, Rm 101A
4618-PNL0005	Panel Board, Rm 101A
4618-PNL0006	Panel Board, Rm 101A
4618-PNL0007	Panel Board, Rm 101A
4618-PNL0008	Panel Board, Rm 101A
4618-PNL0009	Panel Board, Rm 101A
4618-PNL0010	Panel Board, Rm 101A
4618-RAF0001	Return Air Fan, Rm 201/Rm E02 - Disconnect in room E2
4618-RAF0002	Return Air Fan, Rm 201/Rm E02 - Disconnect in room E2
4618-ROOF0001	Roof, Main, Bldg 4618
4618-ROOF0002	Roof, Bldg 4617
4618-SS0001	Safety Switch, High Bay, N. Wall
4618-SS0002	Safety Switch, High Bay, N. Wall
4618-SS0003	Safety Switch, High Bay, N. Wall
4618-SS0004	Safety Switch, High Bay, N. Wall
4618-SS0005	Safety Switch, High Bay, N. Wall
4618-SS0006	Safety Switch, High Bay, N. Wall
4618-SS0007	Safety Switch, High Bay, N. Wall
4618-SS0008	Safety Switch, High Bay, N. Wall
4618-SS0009	Safety Switch, High Bay, N. Wall
4618-SS0010	Safety Switch, High Bay, N. Wall
4618-SS0011	Safety Switch, High Bay, W. Wall
4618-SS0012	Safety Switch, High Bay, W. Wall
4618-SS0013	Safety Switch, High Bay, S. Wall
4618-SS0014	Safety Switch, High Bay, S. Wall
4618-SS0015	Safety Switch, High Bay, S. Wall
4618-SS0016	Safety Switch, High Bay, S. Wall
4618-SS0017	Safety Switch, Room 201, E-02, W. Wall
4618-SS0018	Safety Switch, Room 201, E-02, W. Wall
4618-SS0019	Safety Switch, Room 201, E-02, W. Wall
4618-SS0020	Safety Switch, Room 201, E-02, E. Wall
4618-SS0021	Safety Switch, Room 201A, S. Wall
4618-SS0022	Safety Switch, Room 201A, S. Wall
4618-SS0023	Safety Switch, Room 201A, Ceiling
4618-SS0024	Safety Switch, Room 201, E-02, S. Wall
4618-SS0025	Safety Switch, Room 201, E-02, S. Wall
4618-SS0026	Safety Switch, Room 101A, E. Wall
4618-SS0027	Safety Switch, Room 101A, Ctr. Area
4618-SS0028	Safety Switch, Room 101A, Ctr. Area
4618-SS0029	Safety Switch, Outside, West
4618-STRT0001	Starter, High Bay, S. Wall
4618-STRT0002	Starter, High Bay, S. Wall
4618-STRT0003	Starter, Room 201, E-02, S. Wall
4618-STRT0004	Starter, Room 201A, E. Wall
4618-STRT0005	Starter, Room 201A, W. Wall
4618-STRT0006	Starter, Room 201A, W. Wall
4618-SUB0001	Substation, South Side

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4618-SWBD0001	Switch Board, Room 101A, S. Wall
4618-XFMR0001	Transformer, Rm 201/Rm E02
4618-XFMR0002	Transformer, High Bay, South Wall, Rm 100
4618-XFMR0003	Transformer, Rm 101A
4618-XFMR0004	Transformer, Rm 101A
4618-XFMR0005	Transformer, Room 101A, E. Wall
4618-XFMR0006	Transformer, Room 201, E-02
4619-ACMP0001	Air Compressor Controller, Rm B136/Rm E01 - Disconnect room E1
4619-ACMP0002	Air Compressor Controller, Rm 159/Rm E07 - Disconnect in room E7
4619-ACMP0003	Air Compressor Controller, Rm B137A/Rm E04
4619-ACMP0004	Air Compressor Controller, Rm 222/Rm E06 - Disconnect in room E6
4619-ACMP0005	Air Compressor Controller, Rm 222/Rm E06 - Disconnect in room E6
4619-ACMP0006	Air Compressor Controller, Rm 159/Rm E07 - Disconnect in room E7
4619-ADRY0001	Air Dryer, Rm B136/Rm E01 - Disconnect room E1
4619-ADRY0002	Air Dryer, Rm 222, E-06
4619-ADRY0003	Air Dryer, Rm 159/Rm E07 - Disconnect at dryer
4619-ADRY0004	Air Dryer, Rm 159/Rm E07 - Disconnect at dryer
4619-AH0004	Air Handling Unit, Rm 164B Overhead - Disconnect on unit
4619-AH0005	Air Handling Unit, Room 148A Overhead
4619-AH0006	Air Handling Unit, Rm 152 - Disconnect on unit
4619-AH0007	Air Handling Unit, Rm 147A Overhead - Disconnect on unit
4619-AH0009	Air Handling Unit, Rm 151 Overhead - Disconnect on unit
4619-AH0010	Air Handling Unit, Rm 164 Overhead - Disconnect on unit
4619-AH0023	Air Handling Unit, Rm 225/Rm E05 - Disconnect in room E05
4619-AH0024	Air Handling Unit, Rm 222/Rm E06 - Disconnect in room E6
4619-AH0030	Air Handling Unit, Rm 170, Overhead
4619-AH0031	Air Handling Unit, Rm 228/ Rm E08
4619-AH0032	Air Handling Unit, Rm 228/ Rm E08
4619-AH0033	Air Handling Unit, Rm 228/ Rm E08
4619-AH0034	Air Handling Unit, Rm 226/Rm E09
4619-AH0035	Air Handling Unit, Rm 226/Rm E09
4619-AH0036	Air Handling Unit, Rm 226/Rm E09
4619-AH0037	Air Handling Unit, Rm 226/Rm E09
4619-AH0038	Air Handling Unit, Rm 170B
4619-AH0039	Air Handling Unit, Rm 157
4619-AH0040	Air Handling Unit, Rm 153A, Overhead
4619-AH0041	Fan Coil Unit, Rm 300, Center High Bay Mezzanine, West
4619-AH0042	Fan Coil Unit, Rm 300, Center High Bay Mezzanine, East
4619-AH005A	Air Handling Unit, High Bay, West End, Rm 155 - Disconnect on unit
4619-AH005B	Air Handling Unit, High Bay, West End, Rm 155 - Disconnect on unit
4619-AH006A	Air Handling Unit, Rm 154 Overhead - Disconnect on unit
4619-AH00B1	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
4619-AH00B2	Air Handling Unit, Rm B139A/Rm E03 - Disconnect in room E3
4619-AH00B3	Air Handling Unit, Rm B136/Rm E01 - Disconnect room E1
4619-ATS0001	Auto Transfer Switch, Room 168 W Wall
4619-ATS0002	Auto Transfer Switch, West High Bay, Col #7 at Center Equpt
4619-BATB0003	Battery Bank, Rm 167 - REMOVED FROM PM PER K. PRIMM 5/2/06
4619-BFP0001	Back Flow Preventer - Hot Water, Rm B136/E1
4619-BPD0001	Buss Plug Disconnect, Lta 300 Mezzanine
4619-BPD0002	Buss Plug Disconnect, Lta 300 Mezzanine
4619-BPD0003	Buss Plug Disconnect, Lta 300 Mezzanine
4619-BPD0004	Buss Plug Disconnect, Lta 300 Mezzanine
4619-BPD0005	Buss Plug Disconnect, E. High Bay, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-BPD0060	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0061	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0062	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0063	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0064	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0065	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0066	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0067	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0068	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0069	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0070	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0071	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0072	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0073	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0074	Buss Plug Disconnect, Lta, E. Wall
4619-BPD0075	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0076	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0077	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0078	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0079	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0080	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0081	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0082	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0083	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0084	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0085	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0086	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0087	Buss Plug Disconnect, Lta, W. Wall
4619-BPD0088	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0089	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0090	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0091	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0092	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0093	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0094	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0095	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0096	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0097	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0098	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0099	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0100	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0101	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0102	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0103	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0104	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0105	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0106	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0107	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0108	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0109	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0110	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0111	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0112	Buss Plug Disconnect, W. High Bay, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

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ATTACHMENT J-6
EQUIPMENT LISTING

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-BPD0220	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0221	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0222	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0223	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0224	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0225	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0226	Buss Plug Disconnect, W. High Bay, S. Wall
4619-BPD0227	Buss Plug Disconnect, E. High Bay, S. Wall
4619-BPD0228	Buss Plug Disconnect, E. High Bay, S. Wall
4619-BPD0229	Buss Plug Disconnect, E. High Bay, S. Wall
4619-BPD0230	Buss Plug Disconnect, E. High Bay, N. Wall
4619-BPD0231	Buss Plug Disconnect, E. High Bay, N. Wall
4619-BPD0232	Buss Plug Disconnect, E. High Bay, N. Wall
4619-BPD0233	Buss Plug Disconnect, E. High Bay, N. Wall
4619-BPD0234	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0235	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0236	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0237	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0238	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0239	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0240	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0241	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0242	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0243	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0244	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0245	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0246	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0247	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0248	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0249	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0250	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0251	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0252	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0253	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0254	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0255	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0256	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0257	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0258	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0259	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0260	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0261	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0262	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0263	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0264	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0265	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0266	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0267	Buss Plug Disconnect, W. High Bay, N. Wall
4619-BPD0268	Buss Plug Disconnect, W. High Bay, N. Wall
4619-CBP0001	Circuit Breaker Panel, Lta 6TH Level, Se
4619-CBP0002	Circuit Breaker Panel, Room 147A, W. Wall
4619-CBP0003	Circuit Breaker Panel, Room 147A, W. Wall
4619-CBP0004	Circuit Breaker Panel, Room 148, S Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-CBP0005	Circuit Breaker Panel, Lta 7TH Level, Se
4619-CBP0006	Circuit Breaker Panel, Lta 7TH Level, Se
4619-CBP0007	Circuit Breaker Panel, Room 161
4619-CBP0008	Circuit Breaker Panel, Room 164C
4619-CBP0009	Circuit Breaker Panel, Room 164C
4619-CBP0010	Circuit Breaker Panel, Room 165A, N. Wall
4619-CBP0011	Circuit Breaker Panel, Room 165A, N. Wall
4619-CBP0013	Circuit Breaker Panel, Room 167B, E Wall
4619-CBP0014	Circuit Breaker Panel, Room 168, W Wall
4619-CBP0015	Circuit Breaker Panel, Room 170
4619-CBP0016	Circuit Breaker Panel, Room 170
4619-CBP0017	Circuit Breaker Panel, Room 170
4619-CBP0018	Circuit Breaker Panel, Room 170
4619-CBP0021	Circuit Breaker Panel, Lta, Ground Floor, N. Wall
4619-CBP0022	Circuit Breaker Panel, W. High Bay, Col 16, S. Wall
4619-CBP0023	Circuit Breaker Panel, W. High Bay, Col 4, N. Wall
4619-CBP0024	Circuit Breaker Panel, Room 148A, W. Wall
4619-CBP0025	Circuit Breaker Panel, Room 167B, E Wall
4619-CBP0026	Circuit Breaker Panel, Room 168, W Wall
4619-CBP0027	Circuit Breaker Panel, Room 160B
4619-CBP0028	Circuit Breaker Panel, Room 161, N. Wall
4619-CBP0039	Circuit Breaker Panel, Room 137A, E-48
4619-CBP0040	Circuit Breaker Panel, Room 168
4619-CBP0041	Circuit Breaker Panel, Room 170
4619-CBP0045	Circuit Breaker Panel, Room 129A
4619-CBP0100	Circuit Breaker Panel, Room B-141
4619-CBP0101	Circuit Breaker Panel, Room B-141
4619-CBP0102	Circuit Breaker Panel, Room B-141
4619-CBP0103	Circuit Breaker Panel, Room B-141
4619-CBP0104	Circuit Breaker Panel, Room B-141
4619-CBP0105	Circuit Breaker Panel, Room B-141
4619-CBP0106	Circuit Breaker Panel, Room B-141
4619-CBP0107	Circuit Breaker Panel, Room B-141
4619-CBP0108	Circuit Breaker Panel, Room B-141
4619-CBP0109	Circuit Breaker Panel, Room B-141
4619-CBP0110	Circuit Breaker Panel, Room B-141
4619-CBS0002	Circuit Breaker Starter, Lta, 4TH Level, Crane Ne
4619-CBS0003	Circuit Breaker Starter, Lta, 4TH Level, Crane Ne
4619-CBS0004	Circuit Breaker Starter, Lta, 4TH Level, Crane Se
4619-CBS0005	Circuit Breaker Starter, Lta, 4TH Level, Crane Se
4619-CBS0006	Circuit Breaker Starter, Lta, 4TH Level, Crane Sw
4619-CBS0007	Circuit Breaker Starter, Lta, 4TH Level, Crane Sw
4619-CBS0008	Circuit Breaker Starter, Lta, 4TH Level, Crane Nw
4619-CBS0009	Circuit Breaker Starter, Lta, 4TH Level, Crane Nw
4619-CBS0025	Circuit Breaker Starter, Lta, W. Wall, Gr. Floor
4619-CBS0026	Circuit Breaker Starter, Room 165A, N. Wall
4619-CHLR0001	Water Chiller, Rm B139A/Rm E03
4619-CHWP0002	Chill Water Pump, Rm B137A/ -REMOVED 4/29/05
4619-CHWP0003	Chill Water Pump, Rm B137A/ -REMOVED 4/29/05
4619-COIL0001	VAV/Reheat Coil, Rm 153 (AH#40)
4619-COIL0002	VAV/Reheat Coil, Rm 156 (AH#30)
4619-COIL0003	VAV/Reheat Coil, Rm 157 (AH#38)
4619-COIL0004	VAV/Reheat Coil, Rm 158 (AH#30)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-COIL0005	VAV/Reheat Coil, Rm 160 (AH#30)
4619-COIL0006	VAV/Reheat Coil, Rm 160A (AH#31)
4619-COIL0007	VAV/Reheat Coil, Rm 160B (AH#30)
4619-COIL0008	VAV/Reheat Coil, Rm 161 (AH#31)
4619-COIL0009	VAV/Reheat Coil, Rm 162 (AH#31)
4619-COIL0010	VAV/Reheat Coil, Rm 163 (AH#31)
4619-COIL0011	VAV/Reheat Coil, Rm 164 (AH#32)
4619-COIL0012	VAV/Reheat Coil, Rm 164A (AH#32)
4619-COIL0013	VAV/Reheat Coil, Rm 164B (AH#32)
4619-COIL0014	VAV/Reheat Coil, Rm 164C (AH#33)
4619-COIL0015	VAV/Reheat Coil, Rm 164E (AH#34)
4619-COIL0016	VAV/Reheat Coil, Rm 166 (AH#34)
4619-COIL0017	VAV/Reheat Coil, Rm 166A (AH#34)
4619-COIL0018	VAV/Reheat Coil, Rm 167 (AH#35)
4619-COIL0019	VAV/Reheat Coil, Rm 167B (AH#36)
4619-COIL0020	VAV/Reheat Coil, Rm 168 (AH#36)
4619-COIL0021	VAV/Reheat Coil, Rm 169 (AH#36)
4619-COIL0022	VAV/Reheat Coil, Rm 170 (AH#39)
4619-COIL0023	VAV/Reheat Coil, Rm 170A (AH#37)
4619-COIL0024	VAV/Reheat Coil, Rm 170B (AH#37)
4619-COIL0025	Chilled Water Coil, AH0004, Rm 164B
4619-COIL0026	Hot Water/Steam Coil, AH0004, Rm 164B
4619-COIL0027	Chilled Water Coil, AH0005, Rm 148A
4619-COIL0028	Hot Water/Steam Coil, AH0005, Rm 148A
4619-COIL0029	Chilled Water Coil, AH0006, Rm 152
4619-COIL0030	Hot Water/Steam Coil, AH0006, Rm 152
4619-COIL0031	Chilled Water Coil, AH0007, Rm 147A
4619-COIL0032	Hot Water/Steam Coil, AH0007, Rm 147A
4619-COIL0033	Chilled Water Coil, AH0009, Rm 151
4619-COIL0034	Hot Water/Steam Coil, AH0009, Rm 151
4619-COIL0035	Chilled Water Coil, AH0010, Rm 164
4619-COIL0036	Hot Water/Steam Coil, AH0010, Rm 164
4619-COIL0037	Chilled Water Coil, AH0023, Rm 225/E-5
4619-COIL0038	Hot Water/Steam Coil, AH0023, Rm 225/E-5
4619-COIL0039	Chilled Water Coil, AH0024, Rm 222/E-6
4619-COIL0040	Hot Water/Steam Coil, AH0024, Rm 222/E-6
4619-COIL0041	Chilled Water Coil, AH0030, Rm 170
4619-COIL0042	Hot Water/Steam Coil, AH0030, Rm 170
4619-COIL0043	Chilled Water Coil, AH0031, Rm 228/E-8
4619-COIL0044	Hot Water/Steam Coil, AH0031, Rm 228/E-8
4619-COIL0045	Chilled Water Coil, AH0032, Rm 228/E-8
4619-COIL0046	Hot Water/Steam Coil, AH0032, Rm 228/E-8
4619-COIL0047	Chilled Water Coil, AH0033, Rm 228/E-8
4619-COIL0048	Hot Water/Steam Coil, AH0033, Rm 228/E-8
4619-COIL0049	Chilled Water Coil, AH0034, Rm 226/E-9
4619-COIL0050	Hot Water/Steam Coil, AH0034, Rm 226/E-9
4619-COIL0051	Chilled Water Coil, AH0035, Rm 226/E-9
4619-COIL0052	Hot Water/Steam Coil, AH0035, Rm 226/E-9
4619-COIL0053	Chilled Water Coil, AH0036, Rm 226/E-9
4619-COIL0054	Hot Water/Steam Coil, AH0036, Rm 226/E-9
4619-COIL0055	Chilled Water Coil, AH0037, Rm 226/E-9
4619-COIL0056	Hot Water/Steam Coil, AH0037, Rm 226/E-9
4619-COIL0057	Chilled Water Coil, AH0038, Rm 170B

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-COIL0058	Hot Water/Steam Coil, AH0038, Rm 170B
4619-COIL0059	Chilled Water Coil, AH0039, Rm 157
4619-COIL0060	Hot Water/Steam Coil, AH0039, Rm 157
4619-COIL0061	Chilled Water Coil, AH0040, Rm 153A
4619-COIL0062	Hot Water/Steam Coil, AH0040, Rm 153A
4619-COIL0063	Chilled Water Coil, AH0041, Rm 300
4619-COIL0064	Hot Water/Steam Coil, AH0041, Rm 300
4619-COIL0065	Chilled Water Coil, AH0042, Rm 300
4619-COIL0066	Hot Water/Steam Coil, AH0042, Rm 300
4619-COIL0067	Chilled Water Coil, AH005A, Rm 155, West End
4619-COIL0068	Hot Water/Steam Coil, AH005A, Rm 155 West End
4619-COIL0069	Chilled Water Coil, AH005B, Rm 155 West End
4619-COIL0070	Hot Water/Steam Coil, AH005B, Rm 155 West End
4619-COIL0071	Chilled Water Coil, AH006A, Rm 154
4619-COIL0072	Hot Water/Steam Coil, AH006A, Rm 154
4619-COIL0073	Chilled Water Coil, AH00B1, Rm B100/E-2
4619-COIL0074	Hot Water/Steam Coil, AH00B1, Rm B100/E-2
4619-COIL0075	Chilled Water Coil, AH00B2, Rm B139A/E-3
4619-COIL0076	Hot Water/Steam Coil, AH00B2, Rm B139A/E-3
4619-COIL0077	Chilled Water Coil, AH00B3, Rm B136/E-1
4619-COIL0078	Hot Water/Steam Coil, AH00B3, Rm B136/E-1
4619-CONT0004	Contact, MacHine Shop
4619-CONT0005	Contact, W. High Bay, Col 3, N. Wall
4619-CONT0006	Contact, E. High Bay, S. Wall
4619-CRN0001	10-Ton Bridge Crane, High Bay, West End, Rm 155 - Disconnect at SOUTH WALL EAST END
4619-CRN0002	10-Ton Bridge Crane, High Bay, West End, Rm 155 - Disconnect at SOUTH WALL EAST END
4619-CRN0003	25-Ton Bridge Crane, High Bay East End, Rm 146 - Disconnect at NORTH WEST CORNER
4619-CRN0004	25-Ton Bridge Crane, High Bay East End, Rm 146 - Disconnect at NORTH WEST CORNER
4619-CRN0005	20-Ton Bridge Crane, High Bay, Rm 146 - Disconnect at SOUTH WALL EAST END
4619-CRN0006	3-Ton Bridge Crane, LTA Area, Rm 145, SW Corner - Disconnect at S.WEST LEG CROSS HEAD
4619-CRN0007	30-Ton Bridge Crane, LTA Area, Rm 145 - Disconnect at NORTH WALL
4619-CRN0008	30-Ton Bridge Crane, LTA Area, Rm 145 - Disconnect at NORTH WALL
4619-CRU0005	Computer Room Unit, Rm 215 - Disconnect at unit
4619-DOOR0001	Sliding Door, 1st Level, Rm 145 W Wall Bldg 4619
4619-DOOR0002	Sliding Door, 1st Level, Rm 145 S Wall, Tower, Bldg 4619
4619-DOOR0003	Roll-Back Door, Rm 146 E Wall - Disconnect at door
4619-DOOR0004	Roll-Back Door, Rm 146 E Wall - Disconnect at door
4619-DOOR0005	Roll-Up Door, Rm 147D S Wall - Disconnect at door
4619-DOOR0006	Roll-Back Door, Rm 157 - Disconnect at door
4619-DOOR0007	Roll-Up Door, Rm 148 N Wall - Disconnect at door
4619-DOOR0008	Roll-Up Door, Rm 152 S Wall - Disconnect at door
4619-DOOR0009	Roll-Up Door, Rm 152 N Wall - Disconnect at door
4619-DOOR0010	Roll-Up Door, Rm 155 E Wall - Disconnect at door
4619-DOOR0011	Roll-Up Door, Rm 155 E Wall - Disconnect at door
4619-DOOR0012	Roll-Up Door, Rm 155 E Wall - Disconnect at door
4619-DOOR0013	Roll-Up Door, Rm 148 S Wall - Disconnect at door
4619-DOOR0014	Roll-Up Door, Rm 155 W Wall - Disconnect at door
4619-DOOR0015	Roll-Up Door, Rm 155 W Wall - Disconnect at door
4619-DOOR0016	Automatic Roll-up Door, Rm 155 W Wall - Disconnect at door
4619-DOOR0017	Automatic Roll-up Door, Rm 147D W Wall - Disconnect at door
4619-DOOR0018	Roll-Up Door, N. Side B137A, E-4
4619-DOOR0019	Roll-Up Door, N. End Rm B139
4619-DOOR0020	Roll-Up Door, S. End Rm. B139

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-DOOR0021	Roll-Up Door, S. Wall, Rm 155
4619-DOOR0022	Roll-Up Door, N. End Rm. 153
4619-DOOR0023	Roll-Back Door, E. End Rm 145
4619-DOOR0024	Roll-Up Door, E Wall Rm. 145A
4619-DOOR0025	Manual Roll-Up Door, Rm 157
4619-DOOR0026	Roll-Up Door, Rm 165 SE Corner
4619-DOOR0027	Roll-Up Door, Rm 165 S Wall Center
4619-DOOR0028	Roll-Up Door, Rm 165 W Wall
4619-DOOR0029	Roll-Up Door, Rm 165 E Wall
4619-DOOR0030	Sliding Door, Rm 147
4619-DOOR0031	Roll-Up Door, Rm 153A S Wall
4619-DOOR0032	Roll-Up Door, Rm 153 S Wall
4619-DOOR0033	Roll-Up Door, Rm 146 W Wall
4619-DXAC0001	Direct Expansion AC Unit, W. High Bay, Rm 155, Top of Clean Rm - Disconnect at unit
4619-DXAC0001	Direct Expansion AC Unit, W. High Bay, Rm 155, Top of Clean Rm - Disconnect at unit
4619-DXAC0005	Direct Expansion AC Unit, 6th Level, Tower, Bldg 4619 - Disconnect at unit
4619-EAF0002	Exhaust Blower Fan, Rm 225/Rm E05 - Disconnect in room E5
4619-EAF0005	Exhaust Blower Fan, Machine Shop, Rm 157 - Disconnect at fan motor
4619-EAF0007	Exhaust Blower Fan, Basement Hallway - Disconnect at fan motor
4619-ELEV0001	Hydraulic Elevator, Rm E02 - Disconnect in room E2
4619-ELEV0002	Cable Elevator, LTA Area, Rm 145 N.E. - Disconnect at elevator
4619-EW0001	Safety Eyewash, Rm B139A
4619-EW0002	Safety Eyewash, S. Wall Rm 146
4619-EW0003	Safety Eyewash, S. Wall Rm. 146
4619-EW0004	Safety Eyewash, Portable, N. Wall Rm. 157
4619-FAS0001	Fire Alarm System, NE Main Entrance
4619-FID0001	Field Interface Device, Rm E01
4619-FID0002	Field Interface Device, Rm 159
4619-GEN0001	Emergency Generator, SW Corner Outside
4619-HP0001	Heat Pump, High Bay, Clean Room - Disconnect at unit
4619-HP0002	Heat Pump, High Bay, Clean Room - Disconnect at unit
4619-HST0001	5-Ton Air Tugger Hoist, LTA Area, Rm 145
4619-HST0002	6-Ton Air Tugger Hoist, LTA Area, Rm 145
4619-HST0003	10-Ton Cable Hoist, Machine Shop, Rm 157 - Disconnect at NORTH WEST CORNER
4619-HST0004	1-Ton Manual Chain Hoist, Rm 169
4619-HST0005	1-Ton Manual Chain Hoist, Rm 169
4619-HST0006	2-Ton Manual Chain Hoist, Rm 166
4619-HST0007	2-Ton Manual Chain Hoist, Rm 166
4619-HST0008	3-Ton Manual Chain Hoist, Rm 147
4619-HST0009	1-Ton Electric Hoist, Rm 160A - Disconnect at SOUTH WALL
4619-HST0010	1-Ton Electric Hoist, Blast Room - Disconnect at EAST WALL
4619-HST0011	1-Ton Electric Hoist, Blast Room - Disconnect at EAST WALL
4619-HST0013	5-Ton Electric Hoist, Rm 158 - Disconnect at NORTH WALL
4619-HST0014	5-Ton Electric Hoist, Rm 156 - Disconnect at NORTH WALL
4619-HST0015	5-Ton Electric Hoist, Rm 148 - Disconnect at SOUTH WALL
4619-HST0016	1800 Electric Chain Hoist, West Side, Gilmore - Disconnect at NORTH SIDE PRESS
4619-HST0017	1800 Electric Chain Hoist, East Side of Gilmore - Disconnect at NORTH SIDE PRESS
4619-HST0019	1 Ton Electric Chain Jib Hoist, Rm 147 - Disconnect at ROOM 147
4619-HUM0001	Humidifier, Rm 167B
4619-HUM0002	Humidifier, Rm 158
4619-HUM0003	Humidifier, Rm 160A
4619-HUM0004	Humidifier, Rm 156
4619-HUM0005	Humidifier, Rm 161

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-HUM0006	Humidifier, Rm 164C
4619-HUM0007	Humidifier, Rm 164E
4619-HUM0008	Humidifier, Rm 166
4619-HUM0009	Humidifier, Rm 166A
4619-HUM0010	Humidifier, Rm 167
4619-HUM0011	Humidifier, Rm 168
4619-HUM0012	Humidifier, Rm 169
4619-HUM0013	Humidifier, Rm 155 Clean Room
4619-HUM0014	Humidifier, Rm 160
4619-HUM0015	Humidifier, Rm 160B
4619-HUM0016	Humidifier, Rm 164B
4619-HUM0017	Humidifier, Rm 164
4619-HUM0018	Humidifier, Rm 170B
4619-HUM0019	Humidifier, Rm 170B
4619-HUM0020	Humidifier, Rm 170
4619-HV0001	Heating Vent, New Bay
4619-HV0002	Heating Vent, Rm 170B
4619-HV0003	Heating Vent, High Bay, South Side, Rm 155
4619-HV0004	Heating Vent, High Bay South Side, Rm 155
4619-HV0005	Heating Vent, Roof, South Side East End
4619-HV0006	Heating Vent Unit, West High Bay, Rm 155
4619-HV0007	Heating Vent, 2nd Level, Tower
4619-HV0008	Heating Vent, East Wing, New Bay
4619-HV0009	Heating Vent, East Wing, New Bay
4619-HV0010	Heating Vent, East High Bay, Rm 146
4619-HV0011	Heating Vent, East Wing, New Bay
4619-HV0012	Heating Vent, East Wing, New Bay
4619-HV0013	Heating Vent, East Wing, New Bay
4619-HV0014	Heating Vent, East High Bay, Rm 146
4619-HV0015	Heating Vent, East High Bay, Rm 146
4619-HV0016	Heating Vent, West High Bay, South Side, Rm 155
4619-HV0017	Heating Vent, Rm 222/Rm E06
4619-HV0018	Heating Vent, High Bay, West, Rm 155
4619-HV001A	Heating Vent, West High Bay, Rm 155
4619-HV001B	Heating Vent, West High Bay, Rm 155
4619-HV002A	Heating Vent, West High Bay, North Side, Rm 155
4619-HV003A	Heating Vent, Rm 165 Flat Floor Area
4619-HV004A	Heating Vent Unit, West High Bay, Rm 155
4619-HV005A	Heating Vent, West High Bay, North Side, Rm 155
4619-HV006A	Heating Vent Unit, West High Bay, Rm 155
4619-HV006B	Heating Vent, High Bay South Side, Rm 155
4619-HV006C	Heating Vent, Rm B137A/Rm E04
4619-HV007A	Heating Vent, 2nd Level, Tower
4619-HV007B	Heating Vent, 2nd Level, Tower
4619-HV007C	Heating Vent, 2nd Level, Tower
4619-HV008A	Heating Vent, East Wing New Bay
4619-HV009A	Heating Vent, East Wing, New Bay
4619-HV010A	Heating Vent, East Wing, New Bay
4619-HV010B	Heating Vent, Rm 152
4619-HV011A	Heating Vent, North Wall East, Rm 146
4619-HV011B	Heating Vent, Rm 148
4619-HV012A	Heating Vent, East Wing, New Bay
4619-HV013A	Heating Vent, East Wing, New Bay

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-HV013B	Heating Vent, Rm 147
4619-HWHD0001	Hot Water Heater - Domestic, Rm 114 - Disconnect at heater
4619-HWHD0003	Hot Water Heater - Domestic, Rm B136/Rm E01 - Disconnect room E1
4619-HWHD0004	Hot Water Heater - Domestic, Rm 228/Rm E08 - Disconnect in room E8
4619-HWHD0005	Hot Water Heater - Domestic, Rm 149 - Disconnect at heater
4619-HWHD0006	Hot Water Heater - Domestic, Rm 149 - Disconnect at heater
4619-HWP0001	Hot Water Pump, Rm B136/Rm E01 - Disconnect room E1
4619-HWP0002	Hot Water Pump, Rm B136/Rm E01 - Disconnect room E1
4619-HWP0005	Hot Water Pump, Rm 228/ Rm E08
4619-HWP0006	Hot Water Pump, Rm 226/ Rm E09
4619-HWP0007	Hot Water Pump, Rm 226/Rm E09
4619-HWP0008	Hot Water Pump, Rm 222, E-6
4619-ICE0001	Ice Machine, Rm 153 - Disconnect at machine
4619-ICE0002	Ice Machine, Rm 155
4619-ICE0003	Ice Machine, Rm 168
4619-LROD0001	Lightning Protection System, Roof
4619-LTS0001	Aviation Lights, Roof South East Corner, Tower
4619-LTS0002	Emergency Lighting - LTA 6TH Floor SE
4619-LTS0003	Emergency Lighting - LTA 6th Level NE
4619-LTS0004	Emergency Lighting -LTA 6th Level NW
4619-LTS0005	Emergency Lighting - Hall at Room 119
4619-LTS0006	Emergency Lighting - LTA 6th level SW
4619-LTS0009	Emergency Lighting, Fluor, Hall at Room 116
4619-LTS0010	Emergency Lighting - Flour, Hall at Room 113
4619-LTS0011	Emer Lighting , Fluor, Hall at Room 106
4619-LTS0012	Emergency Lighting , Fluor, Hall at Room 118
4619-LTS0013	Emergency Lighting Fluor, Hall at Room 121
4619-LTS0014	Emergency Lighting , Fluor, Hall at Room 130
4619-LTS0015	Emergency Lighting , Fluor, Hall at Room 126
4619-LTS0016	Emergency Lighting - Inside Rm 133
4619-LTS0017	Emergency Lighting - Inside Rm 135
4619-LTS0018	Emergency Lighting - Inside Rm 143
4619-LTS0019	Emergency Lighting , Fluor, Hall at Room 144A
4619-LTS0020	Emergency Lighting , Fluor, Top Center Stairs to Basement
4619-LTS0021	Emergency Lighting , Fluor, Hall at NE Entrance
4619-LTS0022	Emergency Lighting, Fluor, Bottom Center Stairs to Basement
4619-LTS0023	Emergency Lighting , Fluor, Hall at Room 210
4619-LTS0024	Emergency Lighting, Fluor , East Stairs, Top
4619-LTS0025	Emergency Lighting - East High Bay N. Wall
4619-LTS0026	Emergency Lighting - East High Bay N. Wall
4619-LTS0027	Emergency Lighting - East High Bay N. Wall
4619-LTS0028	Emergency Lighting - Flour, Hall at Room 155l
4619-LTS0029	Emergency Lighting - S. Side Rm 153 East Wall
4619-LTS0030	Emerg Lighting, Fluor - Top, South Stairs to Basement
4619-LTS0031	Emergency Lighting - S. Side Stair to Hallway (REMOVED 9/1/03)
4619-LTS0032	Emergency Lighting - E Wall Rm 148A
4619-LTS0033	Emergency Lighting - Room 148 East Wall
4619-LTS0034	Emergency Lighting - Room 147A West Wall
4619-LTS0035	Emerg Lighting, Fluor, - N. E. Stairwell - Bottom
4619-LTS0036	Emergency Lighting - Outside Room E01/B136
4619-LTS0037	Emergency Lighting - Room E-01, B136
4619-LTS0038	Emergency Lighting - Room B137A S. Wall
4619-LTS0039	Emergency Lighting - Room B137A Next to Stairs

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-LTS0040	Emergency Lighting - Room E-02
4619-LTS0041	Emergency Lighting - West Hallway In Basement
4619-LTS0042	Emergency Lighting - Basement S. Hall S. Wall Crossover
4619-LTS0043	Emergency Lighting - Basement Hall, Center Crossover
4619-LTS0044	Emergency Lighting -Dry Cell, Near Room B141
4619-LTS0045	Emergency Lighting - West High Bay, Col #4 S. Wall
4619-LTS0046	Emergency Lighting - West High Bay, Col #10, S. Wall
4619-LTS0047	Emergency Lighting - LTA 2nd Level, at Stairs
4619-LTS0048	Emergency Lighting, Room 139A
4619-LTS0050	Emergency Lighting - LTA Inside Elevator
4619-LTS0051	Emergency Lighting - LTA 2nd Level at Elevator
4619-LTS0052	Emergency Lighting - LTA 3rd Level, SW Corner
4619-LTS0053	Emergency Lighting - LTA 3rd Level at Stairs
4619-LTS0054	Emergency Lighting - LTA 3rd Level NW
4619-LTS0055	Emergency Lighting - LTA 1st Level, Col #17
4619-LTS0056	Emerg Lighting -LTA 4th Level, SE
4619-LTS0057	Emergency Lighting - LTA 4th Level at Stairs
4619-LTS0058	Emergency Lighting - LTA 3rd Level at Elevator
4619-LTS0059	Emergency Lighting - LTA 4th Level NW
4619-LTS0060	Emergency Lighting - LTA 4th Level SW
4619-LTS0061	Emergency Lighting, Lta 4TH Level, Ne
4619-LTS0063	Emergency Lighting - LTA 3rd Level SE
4619-LTS0064	Emergency Lighting, Lta 3RD Level, Nw
4619-LTS0065	Emergency Lighting - LTA 5th Level at Elevator
4619-LTS0067	Emergency Lighting - LTA 5th Level SE
4619-LTS0068	Emergency Lighting - LTA, 5th Level, NW
4619-LTS0069	Emergency Lighting - 5th Level, S.W Catwalk
4619-LTS0070	Emergency Lighting - Room 165, N Wall of 165A
4619-LTS0071	Emergency Lighting , Room 165, Col #18
4619-LTS0072	Emergency Lighting , East High Bay, S Wall
4619-LTS0073	Emergency Lighting , Room 165A, N Wall
4619-LTS0074	Emergency Lighting , Room 165, Col #19
4619-LTS0075	Emergency Lighting , Room 165, S Wall Rm 165A
4619-LTS0076	Emergency Lighting - Room 168 W.
4619-LTS0077	Emergency Lighting , Room 165 N Wall
4619-LTS0078	Emergency Lighting, Lta 4TH Level, At Elevator
4619-LTS0079	Emergency Lighting - Room 165, Col #12, N Wall
4619-LTS0080	Emergency Lighting, E. Main Office, W. Stairs
4619-LTS0081	Emergency Lighting - W. High Bay Pit, Rm 146 (REMOVED 9/1/03)
4619-LTS0082	Emergency Lighting - 6th Level, S.W. - REMOVED 11/29/0
4619-LTS0083	Emergency Lighting, Hall At Room 200
4619-LTS0084	Emergency Lighting, Hall At Room 204
4619-LTS0085	Emergency Lighting, Hall At Room 220
4619-LTS0086	Emergency Lighting, Hall At Room 214
4619-LTS0087	Emergency Lighting, Basement, W. Hall Wing
4619-LTS0088	Emergency Lighting, Hall At Room 128
4619-LTS0089	Emergency Lighting, Hall At Room 127
4619-LTS0090	Emergency Lighting, Hall, W. Entrance
4619-LTS0091	Emergency Lighting, Main Office, Ctr Stairs To Bsme
4619-LTS0092	Emergency Lighting, Hall At Room 164
4619-LTS0093	Emergency Lighting, Hall Near Room 164
4619-LTS0094	Emergency Lighting, W. High Bay, Col 7, S. Wall
4619-LTS0095	Emergnecy Lighting, W. High Bay, Col 17, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-LTS0096	Emergency Lighting, W. High Bay, Col 7, N. Wall
4619-LTS0097	Emergency Lighting, Room 164, Rear Door
4619-LTS0200	Emergency Lighting, Lta 5TH Level, Ne
4619-MCC0001	Motor Control Center, West High Bay, South Wall
4619-MCC0002	Motor Control Center, Rm B137A/Rm E04
4619-MCC0003	Motor Control Center, Rm 222/Rm E06 (REMOVED 9/3/2)
4619-MCC0004	Motor Control Center, Rm B136/Rm E01
4619-MCC0005	Motor Control Center, Rm B139A/Rm E03
4619-ODT0001	Oxygen Detection System, Rm 145, North Wall
4619-ODT0002	Oxygen Detection System, High Bay, West North Side
4619-ODT0003	Oxygen Detection System, Rm 155 Cleanroom
4619-ODT0004	Oxygen Detection System, Rm 167
4619-ODT0005	Oxygen Detection System, Rm 153
4619-PNL0001	Panel Board, 1st Level, LTA, South Wall
4619-PNL0002	Panel Board, Rm 153
4619-PNL0003	Panel Board, Hallway , Outside Rm 106
4619-PNL0004	Panel Board, Hallway, Outside Rm 114
4619-PNL0005	Panel Board, Hallway, Outside Rm 124A
4619-PNL0006	Panel Board, Rm 126
4619-PNL0007	Panel Board, Rm 127A
4619-PNL0008	Panel Board, Rm 104
4619-PNL0009	Panel Board, RM 128A
4619-PNL0010	Panel Board, Rm 128A
4619-PNL0011	Panel Board, Hallway, Outside Rm 128
4619-PNL0012	Panel Board, Rm 118
4619-PNL0013	Panel Board, Rm 124
4619-PNL0014	Panel Board, Basement, Rm B136 (REMOVED 9/8/03)
4619-PNL0015	Panel Board, Rm 167B
4619-PNL0016	Panel Board, Rm 129
4619-PNL0017	Panel Board, Hallway, Outside Rm 133
4619-PNL0018	Panel Board Rm 167B
4619-PNL0019	Panel Board, Rm 167B
4619-PNL0020	Panel Board, Hallway, Outside Rm 138
4619-PNL0021	Panel Board, Hallway, Outside Rm 141
4619-PNL0022	Panel Board, Rm 167B
4619-PNL0023	Panel Board, Hallway, Outside Rm 210
4619-PNL0024	Panel Board, Hallway, Outside Rm 217
4619-PNL0025	Panel Board, Rm 217
4619-PNL0026	Panel Board, Rm 215
4619-PNL0027	Panel Board, Rm B137A/Rm E04
4619-PNL0028	Panel Board, Rm E04/B137A
4619-PNL0029	Panel Board, Rm E04/B137A
4619-PNL0030	Panel Board, Rm E04/B137A
4619-PNL0031	Panel Board, Rm B139A/E03
4619-PNL0032	Panel Board, Hallway at Rm B139A
4619-PNL0033	Panel Board, Hallway at Rm B139A
4619-PNL0034	Panel Board, Rm B138
4619-PNL0035	Panel Board, 5th Level, LTA, at Stairs
4619-PNL0036	Panel Board, 6th Level, LTA, at Stairs
4619-PNL0037	Panel Board, 4th Level, LTA, at Stairs
4619-PNL0038	Panel Board, LTA, LTA, at Stairs
4619-PNL0039	Panel Board, LTA, 300 Mezzanine
4619-PNL0040	Panel Board, LTA Area, Rm 145, N. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-PNL0041	Panel Board, LTA, Rm 145, North Wall
4619-PNL0042	Panel Board, LTA Area, Rm 145
4619-PNL0043	Panel Board, East High Bay South Wall
4619-PNL0044	Panel Board, East High Bay, South Wall, Rm 146
4619-PNL0045	Panel Board, East High Bay, South Wall, Rm 146
4619-PNL0046	Panel Board, East High Bay, South Wall, Rm 146
4619-PNL0047	Panel Board, Outside Rm 151
4619-PNL0048	Panel Board, Outside Rm 151
4619-PNL0049	Panel Board, LTA Area, Rm 145, West Wall
4619-PNL0050	Panel Board, LTA Area, Rm 145, 4th Level, N W
4619-PNL0051	Panel Board, Rm 301, LTA, 3rd Level
4619-PNL0052	Panel Board, LTA Area, Rm 145, East Wall
4619-PNL0053	Panel Board, East High Bay, Rm 146, South Wall
4619-PNL0054	Panel Board, East High Bay, Rm 146 South Wall
4619-PNL0055	Panel Board, East High Bay, Rm 146, South Wall
4619-PNL0056	Panel Board, East High Bay, South Wall
4619-PNL0057	Panel Board, East High Bay, South Wall
4619-PNL0058	Panel Board, East High Bay, South Wall
4619-PNL0059	Panel Board, East High Bay, Rm 146, West Wall
4619-PNL0060	Panel Board, East High Bay, Rm 146, North Wall
4619-PNL0061	Panel Board, East High Bay, Rm 146, North Wall
4619-PNL0062	Panel Board, East High Bay, Rm 146, North Wall
4619-PNL0063	Panel Board, East High Way, Rm 146, North Wall
4619-PNL0064	Panel Board, Rm 153, East Wall
4619-PNL0065	Panel Board, Rm 153, East Wall
4619-PNL0066	Panel Board, Rm 154, East Wall
4619-PNL0067	Panel Board, Rm 154, East Wall
4619-PNL0068	Panel Board, East High Bay, North Wall, Rm 146
4619-PNL0069	Panel Board, Rm 222/Rm E06
4619-PNL0070	Panel Board, West High Bay, Rm 155, South Wall
4619-PNL0071	Panel Board, Rm 160B, South Wall
4619-PNL0072	Panel Board, Rm 160B, South Wall
4619-PNL0073	Panel Board, Rm 160B, South Wall
4619-PNL0074	Panel Board, Rm 160B, North Wall
4619-PNL0075	Panel Board, Rm 161
4619-PNL0076	Panel Board, Rm 164C
4619-PNL0077	Panel Board, Rm 164C
4619-PNL0078	Panel Board, West High Bay, Rm 155
4619-PNL0079	Panel Board, West High Bay, Rm 155
4619-PNL0080	Panel Board, West High Bay, Rm 155
4619-PNL0081	Panel Board, West High Bay, South Wall, Rm 155
4619-PNL0082	Panel Board, Rm 167, North Wall
4619-PNL0083	Panel Board, Rm 167, East Wall (REMOVED 9/8/03)
4619-PNL0084	Panel Board, Rm 167 East Wall
4619-PNL0085	Panel Board, Rm 167, East Wall
4619-PNL0086	Panel Board, Rm 167
4619-PNL0087	Panel Board, Rm 167, North Wall
4619-PNL0088	Panel Board, Rm 167B, East Wall
4619-PNL0089	Panel Board, Rm 168 West Wall
4619-PNL0090	Panel Board, Rm 168, West Wall
4619-PNL0091	Panel Board, Rm 168, North Wall
4619-PNL0092	Panel Board, Rm 168, North Wall
4619-PNL0093	Panel Board, Rm 147D

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-PNL0094	Panel Board, Rm 168
4619-PNL0095	Panel Board, Rm 168, South Wall
4619-PNL0096	Panel Board, West High Bay, South Wall
4619-PNL0097	Panel Board, West High Bay, South Wall
4619-PNL0098	Panel Board, Rm 166
4619-PNL0099	Panel Board, Rm 164, North Wall
4619-PNL0100	Panel Board, Rm 147D
4619-PNL0101	Panel Board, Rm 164, North Wall
4619-PNL0102	Panel Board, Rm 166
4619-PNL0103	Panel Board, Rm 166, South Wall
4619-PNL0104	Panel Board, West High Way, South Wall
4619-PNL0105	Panel Board, Rm 170B
4619-PNL0106	Panel Board, Sun Spot Pit
4619-PNL0107	Panel Board, Sun Spot Pit
4619-PNL0108	Panel Board, West High Bay, Column 3
4619-PNL0109	Panel Board, West High Bay, Column 6
4619-PNL0110	Panel Board, West High Bay, Column 6
4619-PNL0111	Panel Board, West High Bay, Column 6
4619-PNL0112	Panel Board, West High Bay, Column 8
4619-PNL0113	Panel Board, West High Bay, Column 8
4619-PNL0114	Panel Board, West High Bay, Column 3
4619-PNL0115	Panel Board, West High Bay, Column 8
4619-PNL0116	Panel Board, West High Bay, Center, Rm 155
4619-PNL0117	Panel Board, Rm 147A
4619-PNL0118	Panel Board, Rm 147A
4619-PNL0119	Panel Board, Rm 148A, West Wall
4619-PNL0120	Panel Board, Rm E08 / Rm 228
4619-PNL0121	Panel Board, Rm 165, North Wall, Column 14
4619-PNL0122	Panel Board, Rm 165, North Wall, Column 14
4619-PNL0123	Panel Board, Rm E08 / Rm 228
4619-PNL0124	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0125	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0126	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0127	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0128	Panel Board, Rm 165, North Wall, Column 10
4619-PNL0129	Panel Board, Rm 165, North Wall, Column 10
4619-PNL0130	Panel Board, Rm 165, North Wall, Column 10
4619-PNL0131	Panel Board, Rm 165A
4619-PNL0132	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0133	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0134	Panel Board, Rm 165, North Wall, Column 15
4619-PNL0135	Panel Board, Machine Shop, Rm 157
4619-PNL0136	Panel Board, Machine Shop, Rm 157
4619-PNL0137	Panel Board, Machine Shop, Rm 157
4619-PNL0138	Panel Board, Rm 169
4619-PNL0139	Panel Board, Rm 169
4619-PNL0140	Panel Board, Rm 226/Rm E09
4619-PNL0141	Panel Board, Rm 226/Rm E09
4619-PNL0142	Panel Board, Rm 222/Rm E06
4619-PNL0143	Panel Board, Rm 225/Rm E05
4619-PNL0144	Panel Board, Rm 225/Rm E05
4619-PNL0145	Panel Board, Rm 152, E-25
4619-PNL0146	Panel Board, Hallway, Outside Rm 206

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-PNL0147	Panel Board, Rm 228/Rm E08
4619-PNL0148	Panel Board, Room 167B
4619-PNL0149	Panel Board, West High Bay, Clean Tent E. Side
4619-PNL0150	Panel Board, West High Bay, N. Wall near Col #8
4619-PNL0151	Panel Board, West High Bay, S. Wall Col #10
4619-PWRC0001	Power Conditioner, East High Bay, Rm 146
4619-RAF0006	Return Air Fan, Rm E04 - Disconnect in room E4
4619-RAF0023	Return Air Fan, Rm 225/Rm E05 - Disconnect in room E5
4619-RAF0024	Return Air Fan, Rm 222/Rm E06 - Disconnect in room E6
4619-RLY0002	Relay, W. High Bay, Col 15, S. Wall
4619-ROOF0001	Roof, Main, Bldg 4619
4619-ROOF0002	Roof, Bldg 4619
4619-ROOF0003	Roof, Bldg 4619
4619-ROOF0004	Roof, Bldg 4619
4619-ROOF0005	Roof, Bldg 4619
4619-ROOF0006	Roof, Bldg 4619
4619-ROOF0007	Roof, Bldg 4619
4619-ROOF0008	Roof, Bldg 4619
4619-ROOF0009	Roof, Bldg 4619
4619-ROOF0010	Roof, Bldg 4619
4619-ROOF0011	Roof, Bldg 4619
4619-ROOF0012	Roof, Bldg 4619
4619-ROOF0013	Roof, Bldg 4619
4619-ROOF0014	Roof, Bldg 4619
4619-ROOF0015	Roof, Bldg 4619
4619-ROOF0016	Roof, Bldg 4619
4619-ROOF0017	Roof, Bldg 4619
4619-ROOF0018	Roof, Bldg 4619
4619-ROOF0019	Roof, Bldg 4619
4619-ROOF0020	Roof, Bldg 4619
4619-ROOF0021	Roof, Bldg 4619
4619-ROOF0022	Roof, Bldg 4619
4619-ROOF0023	Roof, Bldg 4619
4619-ROOF0024	Roof, Bldg 4619
4619-ROOF0025	Roof, Bldg 4619
4619-ROOF0026	Roof, Bldg 4619
4619-SAF0001	Supply Air Fan, Clean Room, East High Bay - Disconnect at fan unit
4619-SAF0002	Supply Air Fan, Clean Room, East High Bay - Disconnect at fan unit
4619-SH0001	Safety Shower, Center of High Bay
4619-SHEW0001	Safety Shower & Eyewash, SW Outside
4619-SHEW0002	Safety Shower & Eyewash, Rm 151
4619-SPMP001A	Sump Pump, Cable Tunnel, East High Bay, Rm 146 - Disconnect at pump
4619-SPMP001B	Sump Pump, Cable Tunnel, East High Bay, Rm 146 - Disconnect at pump
4619-SPMP003	Sump Pump, Basement, South Near Elevator - Disconnect at pump
4619-SPMP004	Sump Pump, Rm E04 - Disconnect in room E4
4619-SPMP005	Sump Pump, South Basement - Disconnect at pump
4619-SPMP006	Sump Pump, Rm B140
4619-SPR0001	Sprinkler System, Rm 147
4619-SPR0002	Sprinkler System, Machine Shop, Rm 157
4619-SPR0003	Sprinkler System, East Hall in Basement
4619-SS0001	Safety Switch, Room 126
4619-SS0002	Safety Switch, W. High Bay, Col 21, S. Wall
4619-SS0003	Safety Switch, Room 215

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SS0006	Safety Switch, Room E-01
4619-SS0010	Safety Switch, Room B140
4619-SS0011	Safety Switch, W. High Bay, Se Cl Rm
4619-SS0012	Safety Switch, W. High Bay, Ne Cl Rm
4619-SS0015	Safety Switch, Lta 3RD Level, S. Wall
4619-SS0016	Safety Switch, Lta 4TH Level, Nw
4619-SS0017	Safety Switch, Room 147D
4619-SS0018	Safety Switch, Room 147D
4619-SS0019	Safety Switch, Room 147D
4619-SS0020	Safety Switch, Room 147D
4619-SS0021	Safety Switch, Room 147D
4619-SS0024	Safety Switch, Room 147D
4619-SS0025	Safety Switch, Room 147D
4619-SS0026	Safety Switch, Room 147D
4619-SS0027	Safety Switch, W. High Bay, Ne Side Cl Rm
4619-SS0028	Safety Switch, W. High Bay, E. Wall
4619-SS0029	Safety Switch, W. High Bay, E. Wall
4619-SS0030	Safety Switch, W. High Bay, Cl Rm Roof
4619-SS0031	Safety Switch, W. High Bay, E. Side Cl Rm
4619-SS0032	Safety Switch, W. High Bay, W. Side Cl Rm
4619-SS0033	Safety Switch, Room B-139, E-02, S Wall
4619-SS0034	Safety Switch, Room B-139, E-02, S Wall
4619-SS0035	Safety Switch, Room B-139, E-02, W Wall
4619-SS0036	Safety Switch, W. High Bay, Ne Cl Rm
4619-SS0037	Safety Switch, E. High Bay, W. Wall
4619-SS0038	Safety Switch, Room 147, S. Wall
4619-SS0039	Safety Switch, Room 147, N. Wall
4619-SS0040	Safety Switch, W. High Bay, E. Side Cl Rm
4619-SS0042	Safety Switch, Room 152, N Wall
4619-SS0051	Safety Switch, Room 148, E Wall
4619-SS0053	Safety Switch, Room 148, W Wall
4619-SS0054	Safety Switch, Room 148, S Wall
4619-SS0055	Safety Switch, Room 148, S Wall
4619-SS0056	Safety Switch, E. High Bay, N. Center
4619-SS0057	Safety Switch, Room 153
4619-SS0058	Safety Switch, Room 153
4619-SS0059	Safety Switch, Room 153
4619-SS0060	Safety Switch, Room 153
4619-SS0061	Safety Switch, Room 153
4619-SS0062	Safety Switch, Room 153
4619-SS0063	Safety Switch, Room 153
4619-SS0064	Safety Switch, Room 154, W Wall
4619-SS0065	Safety Switch, Room 154, E Wall
4619-SS0066	Safety Switch, Room 154, E Wall
4619-SS0067	Safety Switch, E. High Bay, E. Wall
4619-SS0068	Safety Switch, E. High Bay, N. Wall
4619-SS0069	Safety Switch, E. High Bay, N. Wall
4619-SS0070	Safety Switch, E. High Bay, E. Wall
4619-SS0071	Safety Switch, Lta, N.Wall
4619-SS0072	Safety Switch, Lta, Ground Floor
4619-SS0073	Safety Switch, Lta, Ground Floor
4619-SS0074	Safety Switch, Lta, N. Wall
4619-SS0075	Safety Switch, Lta, E. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SS0076	Safety Switch, Lta, E. Wall
4619-SS0077	Safety Switch, Lta, S. Wall
4619-SS0078	Safety Switch, Lta, W. Wall
4619-SS0079	Safety Switch, Room 301, E. Wall
4619-SS0080	Safety Switch, Lta, Shop Center
4619-SS0081	Safety Switch, Lta, Shop Center
4619-SS0082	Safety Switch, Lta, W. Wall
4619-SS0083	Safety Switch, Lta, W. Wall
4619-SS0084	Safety Switch, Lta, 8TH Level, Ne
4619-SS0085	Safety Switch, Lta, 6TH Level, Sw
4619-SS0086	Safety Switch, Lta 8TH Level, Sw
4619-SS0087	Safety Switch, Lta 8TH Level, Sw
4619-SS0088	Safety Switch, Lta 8TH Level, Sw
4619-SS0089	Safety Switch, Sw Outside, Near Rm 170
4619-SS0090	Safety Switch, Sw Outside, Near Rm 170
4619-SS0091	Safety Switch, Sw Outside, Near Rm 170
4619-SS0092	Safety Switch, E. High Bay, S. Center
4619-SS0093	Safety Switch, E. High Bay, S. Center
4619-SS0094	Safety Switch, E. High Bay, S. Center
4619-SS0095	Safety Switch, E. High Bay, S. Center
4619-SS0096	Safety Switch, W. High Bay, E. Wall
4619-SS0097	Safety Switch, Room 158, N. Wall
4619-SS0098	Safety Switch, Room 158, S. Wall
4619-SS0099	Safety Switch, Room 158, S. Wall
4619-SS0100	Safety Switch, Room 158, S. Wall
4619-SS0101	Safety Switch, Room 158, S. Wall
4619-SS0102	Safety Switch, Room 156, W. Wall
4619-SS0103	Safety Switch, Room 156, W. Wall
4619-SS0104	Safety Switch, Room 156, W. Wall
4619-SS0105	Safety Switch, Room 156, W. Wall
4619-SS0106	Safety Switch, Room 156, W. Wall
4619-SS0107	Safety Switch, Room 156, N. Wall
4619-SS0108	Safety Switch, Room 156, N. Wall
4619-SS0109	Safety Switch, Room 156, E. Wall
4619-SS0110	Safety Switch, Room 160B, S. Wall
4619-SS0111	Safety Switch, Room 160B, S. Wall
4619-SS0112	Safety Switch, Room 160B, S. Wall
4619-SS0113	Safety Switch, Room 160B, S. Wall
4619-SS0114	Safety Switch, Room 160B, S. Wall
4619-SS0115	Safety Switch, Room 160B, S. Wall
4619-SS0116	Safety Switch, Room 160B, S. Wall
4619-SS0117	Safety Switch, Room E-07
4619-SS0118	Safety Switch, Room E-07
4619-SS0119	Safety Switch, Room E-07
4619-SS0120	Safety Switch, Room E-07
4619-SS0121	Safety Switch, W. High Bay, Col 20, N. Wall
4619-SS0122	Safety Switch, Room 168
4619-SS0123	Safety Switch, Room 168
4619-SS0124	Safety Switch, Room 168
4619-SS0125	Safety Switch, Breezeway, Outside Ctr.
4619-SS0126	Safety Switch, Breezeway, Outside Ctr.
4619-SS0127	Safety Switch, Room 161
4619-SS0128	Safety Switch, W. High Bay, Col 20, N. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SS0131	Safety Switch, Room 164, N. Wall
4619-SS0132	Safety Switch, Room 164, W. Wall
4619-SS0133	Safety Switch, Room 166
4619-SS0140	Safety Switch, Room 167, E. Wall
4619-SS0141	Safety Switch, W. High Bay, Col 1, S. Wall
4619-SS0142	Safety Switch, W. High Bay, Col 1, S. Wall
4619-SS0143	Safety Switch, W. High Bay, Col 7, S. Wall
4619-SS0144	Safety Switch, Room 170
4619-SS0145	Safety Switch, Room 170B
4619-SS0146	Safety Switch, Room 170B
4619-SS0147	Safety Switch, Room 170B
4619-SS0148	Safety Switch, Room 170B
4619-SS0149	Safety Switch, Room 170B
4619-SS0150	Safety Switch, Room 170B
4619-SS0151	Safety Switch, Room 170B
4619-SS0152	Safety Switch, Room 165, Col 17 Near Fl
4619-SS0153	Safety Switch, W. High Bay, W. Wall
4619-SS0154	Safety Switch, Room E-07, S. Outside
4619-SS0155	Safety Switch, Room E-07, S. Outside
4619-SS0156	Safety Switch, Room E-07, S. Outside
4619-SS0157	Safety Switch, Room E-07, S. Outside
4619-SS0168	Safety Switch, E. High Bay, N. Center
4619-SS0169	Safety Switch, E. High Bay, N. Center
4619-SS0171	Safety Switch, E. High Bay, N. Center
4619-SS0173	Safety Switch, Room 167
4619-SS0174	Safety Switch, Room 167
4619-SS0175	Safety Switch, Room 167
4619-SS0176	Safety Switch, Room 167
4619-SS0177	Safety Switch, Room 167
4619-SS0178	Safety Switch, W. High Bay, W. Wall
4619-SS0182	Safety Switch, Room 156, N. Wall
4619-SS0183	Safety Switch, W. High Bay, W. Wall
4619-SS0184	Safety Switch, W. High Bay, Col 1, N. Wall
4619-SS0185	Safety Switch, W. High Bay, Col 1, N. Wall
4619-SS0186	Safety Switch, W. High Bay, Col 5, N. Wall
4619-SS0187	Safety Switch, W. High Bay, Col 8, N. Wall
4619-SS0188	Safety Switch, W. High Bay, Sun Spot Pit, S. Wall
4619-SS0189	Safety Switch, Room 170
4619-SS0190	Safety Switch, Room 148A, W. Wall
4619-SS0191	Safety Switch, Lta, Shop Center
4619-SS0193	Safety Switch, Room 221
4619-SS0194	Safety Switch, Room 203A
4619-SS0196	Safety Switch, Room E-01
4619-SS0197	Safety Switch, Room B-137A, E-48
4619-SS0198	Safety Switch, Room B-137A, E-48
4619-SS0199	Safety Switch, Room B-137A, E-48
4619-SS0200	Safety Switch, Basement S. Cross Wing
4619-SS0201	Safety Switch, Basement S. Cross Wing
4619-SS0202	Safety Switch, Hall At Rm B-139A
4619-SS0203	Safety Switch, Hall At Rm B-139A
4619-SS0204	Safety Switch, Room B-139A, In Hall
4619-SS0205	Safety Switch, Hall At Rm B-139A
4619-SS0206	Safety Switch, Hall At Rm B-139A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SS0207	Safety Switch, Hall At Rm B-139A
4619-SS0208	Safety Switch, Hall At Rm B-139A
4619-SS0209	Safety Switch, Hall At Rm B-139A
4619-SS0210	Safety Switch, Hall At Rm B-139A
4619-SS0211	Safety Switch, Room B-139A
4619-SS0212	Safety Switch, Room B-139A
4619-SS0213	Safety Switch, Room B-139A
4619-SS0214	Safety Switch, Room B-139A
4619-SS0216	Safety Switch, Room B-139A
4619-SS0217	Safety Switch, Room B-136
4619-SS0218	Safety Switch, Room B-140
4619-SS0219	Safety Switch, Room B-140
4619-SS0220	Safety Switch, Room B-140
4619-SS0221	Safety Switch, Room B-140
4619-SS0222	Safety Switch, Room B-140
4619-SS0223	Safety Switch, Room B-140
4619-SS0224	Safety Switch, Room 164E
4619-SS0225	Safety Switch, Room 164E
4619-SS0226	Safety Switch, Room 166
4619-SS0227	Safety Switch, Room 166
4619-SS0228	Safety Switch, Room 166
4619-SS0229	Safety Switch, Room 166
4619-SS0230	Safety Switch, Room 166
4619-SS0231	Safety Switch, Room 166A
4619-SS0232	Safety Switch, Room 167B
4619-SS0233	Safety Switch, Room 167B
4619-SS0234	Safety Switch, Room 167B
4619-SS0235	Safety Switch, Room 167B
4619-SS0236	Safety Switch, Room 169
4619-SS0237	Safety Switch, Room 169
4619-SS0240	Safety Switch, Room 170
4619-SS0241	Safety Switch, Room 170B
4619-SS0242	Safety Switch, Room 170B
4619-SS0243	Safety Switch, Room 170B
4619-SS0244	Safety Switch, Room 149
4619-SS0245	Safety Switch, W. High Bay, Col10, S. Wall
4619-SS0246	Safety Switch, Room B-139
4619-SS0251	Safety Switch, Room 128, W. Wall
4619-SS0252	Safety Switch, Room 151, In Ceiling Ah
4619-SS0253	Safety Switch, MacHine Shop
4619-SS0254	Safety Switch, MacHine Shop
4619-SS0255	Safety Switch, MacHine Shop
4619-SS0256	Safety Switch, MacHine Shop
4619-SS0257	Safety Switch, MacHine Shop
4619-SS0258	Safety Switch, MacHine Shop
4619-SS0259	Safety Switch, MacHine Shop
4619-SS0288	Safety Switch, W. High Bay, Col 1, N. Wall
4619-SS0289	Safety Switch, W. High Bay. Col 1, N. Wall
4619-SS0290	Safety Switch, W. High Bay, Sw Ah
4619-SS0291	Safety Switch, W. High Bay, S. Ctr. Ah
4619-SS0292	Safety Switch, W. High Bay, S. Ctr. Ah
4619-SS0293	Safety Switch, W. High Bay, Se Ah
4619-SS0294	Safety Switch, W. High Bay, Nw Ah

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SS0295	Safety Switch, Lta, Col 3, N. Wall
4619-SS0296	Safety Switch, Lta, Col 3, N. Wall
4619-SS0297	Safety Switch, Outside Sw By Generator
4619-SS0298	Safety Switch, Outside Sw By Generator
4619-SS0299	Safety Switch, Outside Sw By Generator
4619-SS0300	Safety Switch, Outside Sw By Dxac
4619-SSS0001	Starter Safety Switch, Room 129
4619-SSS0002	Starter Safety Switch, Room B-139A, E-02, S Wall
4619-SSS0003	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0004	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0005	Starter Safety Switch, Room 147A, N. Wall
4619-SSS0006	Starter Safety Switch, Room 148, N. Wall
4619-SSS0007	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0009	Starter Safety Switch, Room 148A, E. Wall
4619-SSS0010	Starter Safety Switch, Room 152, E. Wall
4619-SSS0011	Starter Safety Switch, Room 152, W. Wall
4619-SSS0013	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0014	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0015	Starter Safety Switch, Room 154, S. Wall
4619-SSS0016	Starter Safety Switch, E. High Bay, N. Wall
4619-SSS0017	Starter Safety Switch, E. High Bay, N. Wall
4619-SSS0018	Starter Safety Switch, E. High Bay, N. Wall
4619-SSS0019	Starter Safety Switch, E. High Bay, N. Wall
4619-SSS0020	Starter Safety Switch, Lta Gr. Level, N. Wall
4619-SSS0021	Starter Safety Switch, Lta Gr. Level, N. Wall
4619-SSS0022	Starter Safety Switch, Sun Spot Pit, N. Wall
4619-SSS0023	Starter Safety Switch, Sun Spot Pit, N. Wall
4619-SSS0024	Starter Safety Switch, Sun Spot Pit, S. Wall
4619-SSS0027	Starter Safety Switch, Lta 2ND Level, Ne
4619-SSS0028	Starter Safety Switch, Lta, 2ND Level, N. Wall Ctr
4619-SSS0029	Starter Safety Switch, Lta 3RD Level, Ne
4619-SSS0030	Starter Safety Switch, Lta 4TH Level, N. Wall Ctr
4619-SSS0031	Starter Safety Switch, Lta 4TH Level, Ne
4619-SSS0032	Starter Safety Switch, Lta 4TH Level, Nw
4619-SSS0033	Starter Safety Switch, Lta 5TH Level, N. Wall Ctr
4619-SSS0034	Starter Safety Switch, Lta 5TH Level, Ne
4619-SSS0035	Starter Safety Switch, Lta 5TH Level, Nw
4619-SSS0036	Starter Safety Switch, Lta 5TH Level, S. Wall Ctr
4619-SSS0037	Starter Safety Switch, Lta 6TH Level, N. Wall Ctr
4619-SSS0038	Starter Safety Switch, Lta 6TH Level, Ne
4619-SSS0039	Starter Safety Switch, Lta 6TH Level, Se
4619-SSS0040	Starter Safety Switch, Lta 6TH Level, S. Wall Ctr
4619-SSS0041	Starter Safety Switch, Lta 6TH Level, Sw
4619-SSS0042	Starter Safety Switch, W. High Bay, Col 5, N. Wall
4619-SSS0043	Starter Safety Switch, W. High Bay, Col 5, N. Wall
4619-SSS0044	Starter Safety Switch, Room E-07
4619-SSS0045	Starter Safety Switch, Room E-07
4619-SSS0046	Starter Safety Switch, Room E-07
4619-SSS0047	Starter Safety Switch, Room E-07
4619-SSS0048	Starter Safety Switch, W. High Bay, Col 14, S. Wall
4619-SSS0051	Starter Safety Switch, Room 148A, E. Wall
4619-SSS0052	Starter Safety Switch, W. High Bay, Col 5, N. Wall
4619-SSS0053	Starter Safety Switch, W. High Bay, Col 5, N. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-SSS0054	Starter Safety Switch, Room E-04
4619-SSS0055	Starter Safety Switch, W. High Bay, W. Wall Ah
4619-SSS0056	Starter Safety Switch, W High Bay, Sun Spot Pit
4619-SSS0057	Starter Safety Switch, E. High Bay, S. Ctr.
4619-SSS0058	Starter Safety Switch, E. High Bay, S. Ctr.
4619-SSS0059	Starter Safety Switch, W. High Bay, W. Wall Ah
4619-SSS0060	Starter Safety Switch, W. High Bay, W. Wall Ah
4619-SSS0061	Starter Safety Switch, E. High Bay, N. Wall
4619-SSS0062	Starter Safety Switch, W. High Bay, Sun Spot Pit
4619-SSS0065	Starter Safety Switch, Room 169
4619-SSS0066	Starter Safety Switch, E. High Bay, S. Wall
4619-SSS0067	Starter Safety Switch, W. High Bay, S. Wall At Ah5A
4619-SSS0068	Starter Safety Switch, W. High Bay, S. Wall At Ah5A
4619-SSS0071	Starter Safety Switch, Room 148, E. Wall
4619-SSS0073	Starter Safety Switch, Room 147D
4619-SSS0080	Starter Safety Switch, Room 148, W. Wall
4619-SSS0081	Starter Safety Switch, Room E-06, W. Wall
4619-SSS0082	Starter Safety Switch, Room E-06, W. Wall
4619-SSS0083	Starter Safety Switch, Room 225, E-05
4619-SSS0084	Starter Safety Switch, Room 225, E-05
4619-SSS0085	Starter Safety Switch, MacHine Shop, W. Wall
4619-SSS0088	Starter Safety Switch, Basement, S. Hall Wing
4619-SSS0090	Starter Safety Switch, W. High Bay, E. Wall Ah
4619-SSS0091	Starter Safety Switch, W. High Bay, E. Wall Ah
4619-SSS0092	Starter Safety Switch, W. High Bay, E. Wall Ah
4619-SSS0100	Starter Safety Switch, Lta 3RD Level At Ah-7A
4619-SSS0101	Starter Safety Switch, Lta 6TH Level, Nw
4619-STRT0001	Starter, Sun Spot Pit, W. Wall
4619-STRT0002	Starter, Sun Spot Pit, W. Wall
4619-STRT0003	Starter, Room E-01
4619-STRT0004	Starter, Room B140
4619-STRT0005	Starter, Room B140
4619-STRT0006	Starter, Room B140
4619-STRT0007	Starter, Sun Spot Pit, N. Wall
4619-STRT0009	Starter, Sun Spot Pit, S. Wall
4619-STRT0010	Starter, Sun Spot Pit, S. Wall
4619-STRT0011	Starter, Room 139A, S. Wall
4619-STRT0012	Starter, Room 139A, W. Wall
4619-STRT0014	Starter, E. High Bay, S. Wall
4619-STRT0015	Starter, E. High Bay, S. Wall
4619-STRT0019	Starter, W. High Bay, Col 6, E. Cl Rm
4619-STRT0022	Starter, Room 152, E. Wall
4619-STRT0023	Starter, Lta, W. Wall
4619-STRT0024	Starter, W. High Bay, E. Wall
4619-STRT0025	Starter, Lta, E. Wall
4619-STRT0026	Starter, Lta, E. Wall
4619-STRT0027	Starter, Lta, E. Wall
4619-STRT0028	Starter, Lta, S. Wall
4619-STRT0029	Starter, Lta, W. Wall
4619-STRT0030	Starter, Lta, W. Wall
4619-STRT0031	Starter, W. High Bay, E. Wall
4619-STRT0032	Starter, W. High Bay, E. Wall
4619-STRT0034	Starter, Room 158, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-STRT0035	Starter, Room 158, S. Wall
4619-STRT0036	Starter, Room 158, W. Wall
4619-STRT0037	Starter, Room 156, N. Wall
4619-STRT0038	Starter, W. High Bay, S.Wall, Col 21
4619-STRT0039	Starter, W. High Bay, S. Wall, Col 21
4619-STRT0040	Starter, Room E-07
4619-STRT0041	Starter, Room E-07
4619-STRT0042	Starter, Room E-07
4619-STRT0043	Starter, Basement Hall At Air Comp
4619-STRT0044	Starter, W. High Bay, W. Wall
4619-STRT0049	Starter, Rm. 165, Col 15, N. Wall
4619-STRT0050	Starter, Rm. 165, Col 19, N. Wall
4619-STRT0051	Starter, Rm. 165, Col 17, Near Floor
4619-STRT0052	Starter, Rm. 165, Col 17, Near Floor
4619-STRT0053	Starter, W. High Bay, Col 8, N. Wall
4619-STRT0054	Starter, Room 153
4619-STRT0055	Starter, W. High Bay, Col 3, N. Wall
4619-STRT0056	Starter, W. High Bay, Ne Side Cl Rm
4619-STRT0057	Starter, Lta, N. Wall
4619-STRT0058	Starter, W. High Bay, W. Wall
4619-STRT0059	Starter, W. High Bay, S. Wall, Col 20
4619-STRT0060	Starter, Room 170
4619-STRT0061	Starter, W. High Bay, Col 15, S. Wall
4619-STRT0080	Starter, Outside Hall At B-139A
4619-STRT0081	Starter, Outside Hall At B-139A
4619-SUB0001	Substation, South Side, Middle
4619-SUB0002	Substation, South Side, East End
4619-SUB0003	Substation, South Side, West End
4619-SWBD0001	Switch Board, Rm B139A, North Wall
4619-SWBD0002	Switch Board, Rm B139A, North Wall
4619-SWBD0003	Switch Board, Rm B139A, East Wall
4619-SWBD0004	Switch Board, Rm B139A, East Wall
4619-SWBD0005	Switch Board, Rm B138
4619-SWGR0001	Switch Gear, Rm 162A
4619-TMR0001	Timer, Room E-02, S. Wall
4619-TMR0002	Timer, Room E-09
4619-TMR0003	Timer, E. High Bay, S. Wall
4619-TMR0004	Timer, Lta 1ST Floor, N. Wall
4619-TMR0005	Timer, W. High Bay, S. Wall, Rm 163
4619-TMR0006	Timer, W. High Bay, Col 3, N. Wall
4619-TMR0007	Timer, W. High Bay, Col 8, N. Wall
4619-TMR0008	Timer, Room 165, Col 15
4619-TMR0009	Timer, Room 165, Col 19
4619-TMR0010	Timer, Lta 6TH Level, At Stairs
4619-TMR0011	Timer, Lta 3RD Level, Nw
4619-UH0001	Unit Heater Steam, E-8
4619-UH0002	Unit Heater Steam, E-9
4619-UH0003	Unit Heater Steam, Rm 145 W Wall
4619-UH0004	Unit Heater Steam, Rm 145 W Wall
4619-UH0005	Unit Heater Steam, Rm 145 W Wall
4619-UH0006	Unit Heater Steam, Rm 145 W Wall
4619-UH0007	Unit Heater Steam, Rm 145 S Wall
4619-UH0008	Unit Heater Steam, Rm 145 S Wall 1ST Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-UH0009	Unit Heater Steam, Rm 145 S Wall 2ND Floor
4619-UH0010	Unit Heater Steam, Rm 145 S Wall 3RD Floor
4619-UH0011	Unit Heater Steam, Rm 145 S Wall 4TH Floor
4619-UH0012	Unit Heater Steam, Rm 145 S Wall
4619-UH0013	Unit Heater Steam, Rm 145 E Wall
4619-UH0014	Unit Heater Steam, Rm 145 E Wall
4619-UH0015	Unit Heater Steam, Rm 145 E Wall 1ST Floor
4619-UH0016	Unit Heater Steam, Rm 145 E Wall 2ND Floor
4619-UH0017	Unit Heater Steam, Rm 145 E Wall Over Door
4619-UH0018	Unit Heater Steam, Rm 145 E Wall 2ND Floor
4619-UH0019	Unit Heater Steam, Rm 145 E Wall 1ST Floor
4619-UH0020	Unit Heater Steam, Rm 145 E Wall
4619-UH0021	Unit Heater Steam, Rm 145 E Wall
4619-UH0022	Unit Heater Steam, Rm 145 N Wall
4619-UH0023	Unit Heater Steam, Rm 145 N Wall
4619-UH0024	Unit Heater Steam, Rm 145 W Wall
4619-UH0025	Unit Heater Steam, Rm 147D
4619-UH0026	Unit Heater Elect, Rm 147D
4619-UH0027	Unit Heater Steam, Rm 147D
4619-UH0028	Unit Heater Elect, Rm 151
4619-UH0029	Unit Heater Steam, E-1
4619-UH0030	Unit Heater Steam, Rm 155 Nw Crnr
4619-UH0031	Unit Heater Steam, Rm 225
4619-UH0032	Unit Heater Steam, Rm 222
4619-UH0033	Unit Heater Steam, Rm 222
4619-UPC0001	Unit Power Center, Rm E04
4619-UPC0002	Unit Power Center, Rm E04
4619-UPS0002	UPS Power System, Rm 167
4619-VSC0001	Variable Speed Control, Rm E08 / Rm 228
4619-VSC0002	Variable Speed Control, Rm E08 / Rm 228 (HWP1)
4619-VSC0003	Variable Speed Control, Rm E09 / Rm 226
4619-VSC0004	Variable Speed Control, Attic West (AH30)
4619-VSC0005	Variable Speed Control, Rm E06 / Rm 222
4619-WJET0001	Water Jet, Rm E04 - Disconnect in room E4
4619-XFMR0001	Transformer, Rm 160B South Wall
4619-XFMR0002	Transformer, Basement, Rm B139
4619-XFMR0003	Transformer, 2nd Level, LTA, South Wall
4619-XFMR0004	Transformer, Rm 161
4619-XFMR0005	Transformer, West High Bay, South Wall at Rm 166
4619-XFMR0006	Transformer, 4th Level, LTA, Mezzanine
4619-XFMR0007	Transformer, Rm 168 West Wall
4619-XFMR0008	Transformer, East High Bay, Rm 168, South Wall
4619-XFMR0009	Transformer, West High Bay, South Wall, Column 3
4619-XFMR0010	Transformer, Sun Spot Pit
4619-XFMR0011	Transformer, West High Bay, Column 4
4619-XFMR0012	Transformer, Rm 170B
4619-XFMR0013	Transformer, Rm 147A
4619-XFMR0014	Transformer, Rm 155, North Wall (REMOVED 9/8/03)
4619-XFMR0015	Transformer, Machine Shop, Rm 157
4619-XFMR0016	Transformer, Machine Shop, Rm 157
4619-XFMR0017	Transformer, Rm 165A
4619-XFMR0018	Transformer, West High Bay, North Wall
4619-XFMR0019	Transformer, West High Bay, In Open Pit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4619-XFMR0020	Transformer, Rm E06 / Rm 222
4619-XFMR0021	Transformer, Rm 225, E-05
4619-XFMR0022	Transformer, Rm 162A
4619-XFMR0023	Transformer, Room B137A S Wall
4619-XFMR0024	Transformer, West High Bay, Clean Room Roofl
4620-CBP0002	Circuit Breaker Panel, Outside Room 104
4620-CBP0003	Circuit Breaker Panel, Outside Room 104
4620-CBS0001	Circuit Breaker Starter, 101
4620-HV0001	Heating Vent Unit, North Inside
4620-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4620-LTS0001	Emergency Lighting - Storage Rm W. End
4620-PNL0001	Panel Board, Rm 101
4620-PNL0002	Panel Board, Rm 101
4620-PNL0003	Panel Board, Rm 101
4620-ROOF0001	Roof, Main, Bldg 4620
4620-ROOF0002	Roof, Bldg 4620
4620-ROOF0003	Roof, Bldg 4620
4620-SS0002	Safety Switch, 101
4620-STRT0001	Starter, 101
4620-STRT0002	Starter, 101
4621-ACMP0001	Air Compressor, North Wall Inside - Disconnect north wall
4621-AH0001	Air Handling Unit, East Inside - Disconnect on unit
4621-AH0001	Air Handling Unit, East Inside - Disconnect on unit
4621-CBP0001	Circuit Breaker Panel, Room 101, N. Wall
4621-COIL001A	Chilled Water Coil, AH0001, East Inside
4621-COIL001B	Hot Water/Steam Coil, AH0001, East Inside
4621-DOOR0001	Sliding Door, West End -
4621-EW0001	Safety Eyewash, West End
4621-FAS0001	Fire Alarm System
4621-PNL0001	Panel Board, Rm 101
4621-ROOF0001	Roof, Main, Bldg 4621
4621-SH0001	Safety Shower, Center West End
4621-SHEW0001	Safety Shower, Center West End
4621-SPR0001	Sprinkler System, West Inside
4621-SS0001	Safety Switch, Room 101, N. Wall
4621-SS0002	Safety Switch, Room 101, N. Wall
4621-SS0003	Safety Switch, Room 101, E. Wall
4622-AH0001	Air Handling Unit, E-01 North Side Outside
4622-COIL001A	Chilled Water Coil, AH0001, Rm E-1
4622-COIL001B	Hot Water/Steam Coil, AH0001, Rm E-1
4622-DXAC0001	Direct Expansion AC Unit, Rm 103/Rm E01 - Disconnect in room E1 - Disconnect in room E1
4622-DXAC0001	Direct Expansion AC Unit, Rm 103/Rm E01 - Disconnect in room E1 - Disconnect in room E1
4622-HP0001	Heat Pump, Outside By E-1
4622-PNL0001	Panel Board, Rm 102
4622-PNL0002	Panel Board, Rm 102
4622-RAF0001	Return Air Fan - Disconnect in panel
4622-ROOF0001	Roof, Main, Bldg 4622
4622-SS0001	Safety Switch, Rm 101
4622-SS0002	Safety Switch, Rm 101
4622-SS0003	Safety Switch, Rm 103
4622-XFMR0001	Transformer, Rm 101
4623-ACMP0001	Air Compressor Controller, Rm 102
4623-AH0001	Air Handling Unit, Rm 107 - Disconnect on unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4623-AH0002	Air Handling Unit, Rm 107 - Disconnect on unit
4623-AH0003	Air Handling Unit, Rm 126E/Rm E02 - Disconnect room E2
4623-AH0004	Air Handling Unit, Rm 125 - Disconnect on unit
4623-AH0005	Air Handling Unit, Rm 123 - Disconnect on unit
4623-AH0006	Air Handling Unit, Rm 134 - Disconnect on unit
4623-AH0007	Air Handling Unit, Rm 132 Overhead - Disconnect on unit
4623-AH0008	Air Handling Unit, Rm 126 Over Rm 126C - Disconnect on unit
4623-AH0009	Air Handling Unit, Rm 126, Over Rm 126B - Disconnect on unit
4623-AH0010	Air Handling Unit, Rm 126 Over Rm 126A - Disconnect on unit
4623-AH0011	Air Handling Unit, Rm 126 Over Rm 126D - Disconnect on unit
4623-AH0012	Air Handling Unit, Rm 108
4623-AH0013	Air Handling Unit, Rm 110
4623-AH0014	Air Handling Unit, Rm 112
4623-AH0015	Air Handling Unit, Rm 114
4623-BFP0001	Back Flow Preventer - Chilled Water, Rm 126E
4623-CBP0001	Circuit Breaker Panel, Room 102
4623-CBP0002	Circuit Breaker Panel, Wall By Rm 126E, E-02
4623-CBP0003	Circuit Breaker Panel, Room 123
4623-CBP0004	Circuit Breaker Panel, Room 107, E-01
4623-CHLR0001	Air Cooled Chiller, North Side - Disconnect on north side
4623-CHLR0002	Air Cooled Chiller, Outside North - Disconnect on north side
4623-CHWP0002	Chill Water Pump, Rm 107/Rm E01 - Disconnect room E1
4623-CHWP0003	Chill Water Pump, Rm 107/Rm E01 - Disconnect room E1
4623-COIL001A	Chilled Water Coil, AH0001, Rm 107
4623-COIL001B	Hot Water/Steam Coil, AH0001, Rm 107
4623-COIL002A	Chilled Water Coil, AH0002, Rm 107
4623-COIL002B	Hot Water/Steam Coil, AH0002, Rm 107
4623-COIL003A	Chilled Water Coil, AH0003, Rm 126/E-2
4623-COIL003B	Hot Water/Steam Coil, AH0003, Rm 126/E-2
4623-COIL004A	Chilled Water Coil, AH0004, Rm 125
4623-COIL004B	Hot Water/Steam Coil, AH0004, Rm 125
4623-COIL005A	Chilled Water Coil, AH0005, Rm 123
4623-COIL005B	Hot Water/Steam Coil, AH0005, Rm 123
4623-COIL006A	Chilled Water Coil, AH0006, Rm 134
4623-COIL006B	Hot Water/Steam Coil, AH0006, Rm 134
4623-COIL007A	Chilled Water Coil, AH0007, Rm 132
4623-COIL007B	Hot Water/Steam Coil, AH0007, Rm 132
4623-COIL008A	Chilled Water Coil, AH0008, Rm 126 Over Rm 126C
4623-COIL008B	Hot Water/Steam Coil, AH0008, Rm 126 Over Rm 126C
4623-COIL009A	Chilled Water Coil, AH0009, Rm 126 Over Rm 126B
4623-COIL009B	Hot Water/Steam Coil, AH0009, Rm 126 Over Rm 126B
4623-COIL010A	Chilled Water Coil, AH0010, Rm 126 Over Rm 126A
4623-COIL010B	Hot Water/Steam Coil, AH0010, Rm 126 Over Rm 126A
4623-COIL011A	Chilled Water Coil, AH0011, Rm 126 Over Rm 126D
4623-COIL011B	Hot Water/Steam Coil, AH0011, Rm 126 Over Rm 126D
4623-COIL012A	Chilled Water Coil, AH0012, Rm 108
4623-COIL012B	Hot Water/Steam Coil, AH0012, Rm 108
4623-COIL013A	Chilled Water Coil, AH0013, Rm 110
4623-COIL013B	Hot Water/Steam Coil, AH0013, Rm 110
4623-COIL014A	Chilled Water Coil, AH0014, Rm 112
4623-COIL014B	Hot Water/Steam Coil, AH0014, Rm 112
4623-COIL015A	Chilled Water Coil, AH0015, Rm 114
4623-COIL015B	Hot Water/Steam Coil, AH0015, Rm 114

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4623-DOOR0001	Roll-Back Door, North Side - Disconnect at door
4623-DOOR0002	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0003	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0004	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0005	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0006	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0007	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0008	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0009	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0010	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0011	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0012	Roll-Up Door, South Side - Disconnect at door
4623-DOOR0013	Roll-Up Door, East Side - Disconnect at door
4623-DXAC0001	Direct Expansion AC Unit, Rm 126D - Disconnect in room
4623-DXAC0001	Direct Expansion AC Unit, Rm 126D - Disconnect in room
4623-EW0001	Safety Eyewash, Rm 125
4623-EW0004	Safety Eyewash, Rm 118
4623-EW0005	Safety Eyewash, Rm 102
4623-EW0006	Safety Eyewash, Rm 104
4623-FAS0001	Fire Alarm System, Hallway Outside Rm 104
4623-HP0001	Heat Pump, Outside Nw Corner
4623-HST0001	1-Ton Chail Hoist, Rm 114
4623-HST0002	2-Ton Chain Hoist, Rm 108
4623-HST0003	1-Ton Electric Hoist, Rm 108
4623-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4623-HWHD0002	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4623-HWHD0003	Hot Water Heater - Domestic, Rm 107 - Disconnect at heater
4623-ICE0001	Ice Machine, Outside Rm 118 - Disconnect at machine
4623-LTS0001	Emergency Lighting - By Rm 126E
4623-LTS0002	Emergency Lighting - By Rm 126B West End
4623-ODT0001	Oxygen Detection System, Rm 113
4623-PNL0001	Panel Board, Outside Rm 120
4623-PNL0002	Panel Board, Outside Rm 122
4623-PNL0003	Panel Board, Rm 126E/Rm E02
4623-PNL0004	Panel Board, Outside Rm 115
4623-PNL0005	Panel Board, Rm 126E/Rm E02
4623-PNL0006	Panel Board, Rm 126E/Rm E02
4623-PNL0007	Panel Board, Rm 134
4623-PNL0008	Panel Board, Outside Rm 117
4623-PNL0009	Panel Board, Rm 107
4623-PNL0010	Panel Board, Rm 107
4623-PNL0011	Panel Board, Rm 126B
4623-PNL0012	Panel Board, Rm 107/E01
4623-PNL0013	Panel Board, Rm 104
4623-PNL0014	Panel Board, Rm 100
4623-PNL0015	Panel Board, Rm 106
4623-PNL0016	Panel Board, Rm 102
4623-PNL0017	Panel Board, Rm 104
4623-PNL0018	Panel Board, Rm 104
4623-PNL0019	Panel Board, Rm 104
4623-PNL0020	Panel Board, Rm 104
4623-PNL0021	Panel Board, Rm 100
4623-PNL0022	Panel Board, Rm 100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4623-PNL0023	Panel Board, Rm 126E/E02
4623-PNL0024	Panel Board, Rm 126E/E02
4623-ROOF0001	Roof, Main, Bldg 4623
4623-ROOF0002	Roof, Bldg 4623
4623-SH0001	Portable Eyewash, Rm 120,
4623-SHEW0001	Safety Shower & Eyewash, Outside NE Corner
4623-SHEW0002	Safety Shower & Eyewash, Outside South
4623-SHEW0003	Portable Eyewash, Rm 122
4623-SHEW0004	Safety Shower & Eyewash, Rm 124
4623-SPR0001	Sprinkler System, Rm 132
4623-SS0001	Safety Switch, Room 100
4623-SS0002	Safety Switch, Room 100
4623-SS0003	Safety Switch, Room 100
4623-SS0004	Safety Switch, Room 104
4623-SS0005	Safety Switch, Room 104
4623-SS0006	Safety Switch, Room 104
4623-SS0007	Safety Switch, Room 104
4623-SS0008	Safety Switch, Room 104
4623-SS0009	Safety Switch, Room 104
4623-SS0010	Safety Switch, Room 104
4623-SS0011	Safety Switch, Room 104
4623-SS0012	Safety Switch, Room 104
4623-SS0013	Safety Switch, Room 104
4623-SS0014	Safety Switch, Hall At Room 116
4623-SS0015	Safety Switch, Room 108
4623-SS0016	Safety Switch, Room 110
4623-SS0017	Safety Switch, Room 126D
4623-SS0018	Safety Switch, Room 126D
4623-SS0019	Safety Switch, Room 126D
4623-SS0020	Safety Switch, Room 126C
4623-SS0021	Safety Switch, Room 126B
4623-SS0022	Safety Switch, Room 104
4623-SS0023	Safety Switch, Room 126E, E-02
4623-SS0024	Safety Switch, West Outside
4623-SS0025	Safety Switch, West Outside
4623-SS0026	Safety Switch, Room 107, E-01
4623-SS0027	Safety Switch, West Outside
4623-SSS0001	Starter Safety Switch, Room 126D
4623-SSS0002	Starter Safety Switch, Room 126C
4623-SSS0003	Starter Safety Switch, Room 126C
4623-SSS0004	Starter Safety Switch, Room 107, E-01
4623-SSS0005	Starter Safety Switch, Room 107, E-01
4623-SSS0006	Starter Safety Switch, Room 107, E-01
4623-SSS0007	Starter Safety Switch, Room 107, E-01
4623-STRT0001	Starter, Room 104
4623-STRT0002	Starter, Room 126B
4623-STRT0003	Starter, Room 126C
4623-STRT0004	Starter, Room 107, E-01
4623-STRT0005	Starter, Room 107, E-01
4623-STRT0006	Starter, Room 107, E-01
4623-STRT0007	Starter, West Outside, Lift Sta.
4623-STRT0008	Starter, West Outside, Lift Sta.
4623-VFD0001	Variable Frequency Drive, Room 107, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4623-VSC0001	Variable Speed Control, Rm 107/E1 Assoc. w/ AH
4623-XFMR0001	Transformer, Outside Rm 115
4623-XFMR0002	Transformer, Rm 126E/Rm E02
4623-XFMR0003	Transformer, Rm 126E/Rm E02
4623-XFMR0004	Transformer, Rm 107
4623-XFMR0005	Transformer, South Side Overhead
4624-DOOR0001	Roll-Up Door, East - Disconnect at door
4624-PNL0001	Panel Board, West Wall
4624-ROOF0001	Roof, Main, Bldg 4624
4624-SS0001	Safety Switch, West Wall
4624-SS0002	Safety Switch, Outside, South
4624-STRT0001	Starter, West Wall
4624-STRT0002	Starter, West Wall
4624-XFMR0020	Transformer, West Wall
4625-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4625-LTS0001	Emergency Lighting - South end Exit
4625-LTS0002	Emergency Lighting - East end Exit
4625-PNL0001	Panel Board, SW Corner
4625-ROOF0001	Roof, Main, Bldg 4625
4625-SS0001	Safety Switch, Outside West
4625-XFMR0001	Transformer, Outside West
4626-DOOR0001	Roll-Up Door, East End, Rm 100 - Disconnect at door
4626-PNL0001	Panelboard, Outside Shed
4626-PNL0002	Panelboard, Inside Shed
4626-ROOF0001	Roof, Main, Bldg 4626
4626-SS0001	Safety Switch, Outside Shed
4627-DHUM0001	Dehumidifier, East Outside, ASSOC W/ DXAC0003
4627-DXAC0001	Direct Expansion AC Unit, N.E. Corner - Outside
4627-DXAC0002	Direct Expansion AC Unit, South Wall - Outside
4627-DXAC0003	Direct Expansion AC Unit, S.E. Corner - Outside
4627-ERV0001	Energy Recovery Ventilation, S.E. Corner - Outside
4627-FAS0001	Fire Alarm System, West Entrance
4627-FSS0001	Fire Suppression System, Rm. 100A
4627-HWHD0001	Hot Water Heater - Domestic, Rm 112
4627-LTS0001	Emergency Lighting - Dry Cell, West Hall
4627-LTS0002	Emergency Lighting - Dry Cell, West Hall
4627-LTS0003	Emergency Lighting - Dry Cell, East Hall
4627-LTS0004	Emergency Lighting - Dry Cell, North Hall
4627-LTS0005	Emergency Lighting - Dry Cell, Rm. 107 East
4627-LTS0006	Emergency Lighting - Dry Cell, Rm. 107 West
4627-LTS0007	Emergency Lighting - Dry Cell, Rm. 107 South
4627-PNL0001	Panel Board, Rm. 100A
4627-ROOF0001	Roof, Bldg 4627
4627-SLPMP001A	Sewage Pump, West - Outside
4627-SLPMP001B	Sewage Pump, West - Outside
4627-SS0001	Safety Switch, Outside South
4627-SS0002	Safety Switch, Outside East
4627-SS0003	Safety Switch, Outside East
4627-SS0004	Safety Switch, Outside East
4627-SS0005	Safety Switch, Outside West
4627-STRT0001	Starter, Room 100A West Wall
4627-SUB0001	Substation, Rm. 100A
4628-ACMP0001	Air Compressor Controller, Rm 132/Rm E01 - Disconnect room E1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4628-ADRY0001	Air Dryer, Rm 132/Rm E01 - Disconnect room E1
4628-AH0001	Air Handling Unit, Rm 132/Rm E01 - Disconnect room E1
4628-AH0002	Air Handling Unit, Rm 134/Rm E02 - Disconnect room E2
4628-BFP0001	Back Flow Preventer - Chilled Water, Rm 132/E01
4628-CBP0001	Circuit Breaker Panel, East Pump House
4628-CBP0002	Circuit Breaker Panel, East Pump House
4628-CHLR0001	Water Chiller, Rm 132/Rm E01
4628-CHWP0001	Chill Water Pump, Rm 132/Rm E01 - Disconnect room E1
4628-CHWP0002	Chill Water Pump, Rm 132/Rm E01 - Disconnect room E1
4628-COIL001A	Chilled Water Coil, AH0001, Rm 132/E-1
4628-COIL001B	Hot Water/Steam Coil, AH0001, Rm 132/E-1
4628-COIL002A	Chilled Water Coil, AH0002, Rm 134/E-2
4628-COIL002B	Hot Water/Steam Coil, AH0002, Rm 134/E-2
4628-CTWR0001	Cooling Tower, Outside East - Disconnect on East side
4628-CWP0001	Condenser Water Pump, Rm 132/Rm E01 - Disconnect room E1
4628-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0002	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0003	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0004	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0005	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0006	Roll-Up Door, South Side - Disconnect at door
4628-DOOR0007	Roll-Up Door, South Side - Disconnect at door
4628-DXAC0001	Direct Expansion AC Unit, Rm 105A Overhead - Disconnect at unit
4628-DXAC0001	Direct Expansion AC Unit, Rm 105A Overhead - Disconnect at unit
4628-FAS0001	Fire Alarm System, North Side Inside
4628-FID0001	Field Interface Device, Hallway, East
4628-HDT0001	Hydrogen/Oxygen Detection System, Hallway East End
4628-HST0001	1-Ton Air Hoist, Test Cell 119
4628-HST0002	1-Ton Air Hoist, Test Cell 121
4628-HST0003	1/2-Ton Air Hoist, Test Cell 117
4628-HST0004	1/2-Ton Cable Hoist, Rm 105A
4628-HST0005	1/2-Ton Chain Hoist, Rm 111
4628-HWHD0001	Hot Water Heater - Domestic, Rm 132/Rm E01 - Disconnect room E1
4628-LTS0001	Emergency Lighting - Hallway by 113
4628-LTS0002	Emergency Lighting - Hallway by 125
4628-MCC0001	Motor Control Center, Rm 132/Rm E01
4628-ODT0001	Oxygen Detection System, Rm 112
4628-PMP0001	Circulating Pump, Rm 132/Rm E01 - Disconnect room E1
4628-PNL0001	Panel Board, Rm 132/Rm E01
4628-PNL0002	Panel Board, Rm 132/Rm E01
4628-PNL0003	Panel Board, Rm 132/Rm E01
4628-PNL0004	Panel Board, Rm 132/Rm E01
4628-PNL0005	Panel Board, Rm 134/Rm E02
4628-PNL0006	Panel Board, West Pump House
4628-PNL0007	Panel Board, West Pump House
4628-PNL0008	Panel Board, Center Pump House
4628-PNL0009	Panel Board, Center Pump House
4628-PNL0010	Panel Board, East Pump House
4628-PNL0011	Panel Board, East Pump House
4628-ROOF0001	Roof, Main, Bldg 4628
4628-ROOF0002	Roof, Bldg 4628
4628-SH0001	Safety Shower, Outside South
4628-SH0002	Safety Shower, Outside South

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4628-SH0003	Safety Shower, Outside South
4628-SHEW0004	Safety Shower & Eyewash, S. Side West End of Yard
4628-SPR0001	Sprinkler System, West Side - SYSTEM OUT OF SERVICE SAFETY
4628-SS0001	Safety Switch, Room 134, E-01
4628-SS0002	Safety Switch, Room 132, E-01
4628-SS0003	Safety Switch, Room 132, E-01
4628-SS0004	Safety Switch, Room 134, E-01
4628-SS0005	Safety Switch, Room 134, E-01
4628-SS0006	Safety Switch, Hall At Room 129
4628-SS0007	Safety Switch, Hall At Room 129
4628-SS0008	Safety Switch, Hall At Room 129
4628-SS0009	Safety Switch, Hall At Room 129
4628-SS0010	Safety Switch, Hall At Room 129
4628-SS0011	Safety Switch, Room 129
4628-SS0012	Safety Switch, Room 129
4628-SS0013	Safety Switch, Room 125
4628-SS0014	Safety Switch, Room 121
4628-SS0015	Safety Switch, Room 113
4628-SS0016	Safety Switch, Room 113
4628-SS0017	Safety Switch, Room 113
4628-SS0018	Safety Switch, Room 113
4628-SS0019	Safety Switch, Room 105
4628-SS0020	Safety Switch, Room 105
4628-SS0021	Safety Switch, Room 105
4628-SS0022	Safety Switch, Room 105
4628-SS0023	Safety Switch, Room 105A
4628-SS0024	Safety Switch, Test Cell 109
4628-SS0025	Safety Switch, Test Cell 111
4628-SS0026	Safety Switch, Test Cell 115
4628-SS0027	Safety Switch, Outside W. Pump House
4628-SS0028	Safety Switch, Center Pump House
4628-SS0029	Safety Switch, E. Yard Ac
4628-SS0030	Safety Switch, E. Yard Cool. Twr.
4628-SSS0001	Starter Safety Switch, Room 134, E-02
4628-SSS0002	Starter Safety Switch, Room 117
4628-SSS0003	Starter Safety Switch, Room 113
4628-SSS0004	Starter Safety Switch, Room 105
4628-SSS0005	Starter Safety Switch, Room 105A
4628-STRT0001	Starter, Room 132, E-01
4628-STRT0002	Starter, Room 112A
4628-STRT0003	Starter, Room 112A
4628-STRT0004	Starter, Room 112A
4628-STRT0005	Starter, Room 129
4628-STRT0006	Starter, Room 129
4628-STRT0007	Starter, Room 125
4628-STRT0008	Starter, Center Pump House
4628-SWGR0001	Switch Gear, Outside North
4628-TMR0001	Timer, Room 129
4628-UH0001	Unit Heater Steam, E-1
4628-UH0002	Unit Heater Electric, E-2
4628-XFMR0001	Transformer, Rm 132/Rm E01
4628-XFMR0002	Transformer, Rm 134/Rm E02
4628-XFMR0003	Transformer, Rm 132/Rm E01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4628-XFMR0004	Transformer, West Pump House
4628-XFMR0005	Transformer, Center Pump House
4628-XFMR0006	Transformer, East Pump House
4628-XFMR0008	Transformer, E-01
4628-XFMR0009	Transformer, E-01
4629-AH0001	Air Handling Unit, Rm 104/Rm E01 - Disconnect room E1
4629-ATS0001	Auto Transfer Switch, Rm 111/E4
4629-BATB0001	Battery Bank, Rm 111/E4
4629-CBP0001	Circuit Breaker Panel, Ups Room
4629-CBP0002	Circuit Breaker Panel, Ups Room
4629-CHLR0001	Water Chiller, North Wall, Outside
4629-CHWP0001	Chill Water Pump, Rm 104/Rm E01 - Disconnect room E1
4629-CHWP0002	Chill Water Pump, Rm 104/Rm E01 - Disconnect room E1
4629-COIL001A	Chilled Water Coil, AH0001, Rm 104/E-1
4629-COIL001B	Hot Water/Steam Coil, AH0001, Rm 104/E-1
4629-CRU0002	Computer Room Unit, Rm 108, Northwest Corner
4629-CRU0004	Computer Room Unit, Rm 108, Northeast Corner
4629-DXAC0002	Direct Expansion AC Unit, Rm 103B, E-3
4629-DXAC0002	Direct Expansion AC Unit, Rm 103B, E-3
4629-DXAC0003	Direct Expansion AC Unit, West End Outside
4629-DXAC0004	Direct Expansion AC Unit, Rm 112
4629-DXAC0004	Direct Expansion AC Unit, Rm 112
4629-DXAC0005	Direct Expansion AC Unit, Rm 112
4629-DXAC0005	Direct Expansion AC Unit, Rm 112
4629-FAS0001	Fire Alarm System, SE Entrance
4629-GEN0001	Emergency Generator, Outside North
4629-HWHD0001	Hot Water Heater - Domestic, Rm 104/Rm E01 - Disconnect room E1
4629-LTS0001	Emergency Lighting - Southeast Foyer
4629-LTS0002	Emergency Lighting - Rm 108 NE Corner
4629-LTS0003	Emergency Lighting - Rm 108 NW Corner
4629-LTS0004	Emergency Lighting - Rm 108 SW Corner
4629-LTS0005	Emergency Lighting -DC, Rm 111/E4., Over S. Entrance
4629-LTS0006	Emergency Lighting -DC, Rm 111/E4 Over W. Entrance
4629-MID0001	Microscan Interface Device, Rm 103B, E-3
4629-PNL0001	Panel Board, Rm 103B
4629-PNL0002	Panel Board, Rm 103B
4629-PNL0003	Panel Board, Hallway, Rm 103B
4629-PNL0004	Panel Board, Hallway, Rm 103B
4629-PNL0005	Panel Board, Rm 103A/Rm E02
4629-PNL0006	Panel Board, Rm 103A/Rm E02
4629-PNL0007	Panel Board, Rm 103A/Rm E02
4629-PNL0008	Panel Board, Rm 103A/Rm E02
4629-PNL0009	Panel Board, Rm 111/E4
4629-PNL0010	Panel Board, Rm 111/E4
4629-PNL0011	Panel Board, Rm 111/E4
4629-ROOF0001	Roof, Main, Bldg 4629
4629-SPR0001	Sprinkler System, Rm 104/Rm E01
4629-SS0004	Safety Switch, Room 108
4629-SS0005	Safety Switch, Rm 104/E-01
4629-SS0006	Safety Switch, Rm 104/E-01
4629-SS0007	Safety Switch, Rm 104/E-01
4629-SS0008	Safety Switch, Rm 104/E-01
4629-SS0009	Safety Switch, Rm 104/E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4629-SS0010	Safety Switch, Rm 104/E-01
4629-SS0011	Safety Switch, Outside, North
4629-STRT0001	Starter, Rm 103A/E02
4629-STRT0004	Starter, Rm104/E01
4629-UH0001	Unit Heater Electric, E-1/Rm 104
4629-UPS0001	Panel Board, Rm 111/E4
4629-XFMR0001	Transformer, Rm 103A/Rm E02
4629-XFMR0002	Transformer, Rm 103A/Rm E02
4629-XFMR0003	Transformer, Rm 103A/E02
4629-XFMR0004	Transformer, Rm 111/E4
4630-BATB0001	Battery Bank, Rm 100
4630-DXAC0001	Direct Expansion AC Unit - Outside East, Disconnect at unit
4630-HTR0001	Unit Heater, Electric, Rm 100
4630-HTR0002	Unit Heater, Electric, Rm 100
4630-PNL0001	Panel Board, South Wall, Rm 100
4630-PNL0002	Panel Board, South Wall, Rm 100
4630-PNL0003	Panel Board, South Wall, Rm 100
4630-PNL0004	Panel Board, South Wall
4630-ROOF0001	Roof, Main, Bldg 4630
4630-SS0001	Safety Switch, Outside, South
4630-SS0002	Safety Switch, South Wall
4630-SS0003	Safety Switch, South Wall
4630-STRT0001	Starter, West Wall
4630-SUB0001	Substation, South Side
4630-XFMR0001	Transformer, South Wall, Rm 100
4630-XFMR0002	Transformer, South Wall, Rm 100
4631-ACMP0001	Air Compressor Shop, Rm A109 - Disconnect in room E8
4631-ADRY0001	Air Dryer, Rm A109 - Disconnect at dryer
4631-AH0001	Air Handling Unit, Rm C201
4631-AH0002	Air Handling Unit, Rm C201
4631-AH0003	Air Handling Unit, Rm C201
4631-AH0004	Air Handling Unit, Rm A107, Overhead
4631-AH0005	Air Handling Unit, Rm A109, Overhead
4631-CBP0001	Circuit Breaker Panel, Room A107 E Wall
4631-CBP0002	Circuit Breaker Panel, Room A107 E Wall
4631-CBP0003	Circuit Breaker Panel, Room A107 E Wall
4631-CBP0004	Circuit Breaker Panel, Room A107 E Wall
4631-CBP0005	Circuit Breaker Panel, Room A104 N Wall
4631-CBP0006	Circuit Breaker Panel, Room A104 N Wall
4631-CBP0007	Circuit Breaker Panel, Room A109 W Wall
4631-CBP0008	Circuit Breaker Panel, Room A109 E Wall
4631-CBS0001	Circuit Breaker Starter, Room A107 S Wall
4631-CBS0002	Circuit Breaker Starter, Room A104 N Wall
4631-CBS0003	Circuit Breaker Starter, Room A108 E Wall
4631-CBS0004	Circuit Breaker Starter, Room A201 S Wall
4631-CBS0005	Circuit Breaker Starter, Room A201 S Wall
4631-CBS0006	Circuit Breaker Starter, Room A201 E Wall
4631-CBS0007	Circuit Breaker Starter, Room A201 E Wall
4631-CBS0008	Circuit Breaker Starter, Room A109 W Wall
4631-CBS0009	Circuit Breaker Starter, Room A109 E Wall
4631-CBS0010	Circuit Breaker Starter, Room D002 E Wall
4631-CBS0011	Circuit Breaker Starter, Room D002 E Wall
4631-CBS0012	Circuit Breaker Starter, Room D002 E Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4631-CBS0013	Circuit Breaker Starter, Room D002 E Wall
4631-CBS0014	Circuit Breaker Starter, Room D002 Haz Storage E Wall
4631-CHLR0001	Air Cooled Chiller, South West Side
4631-CHWP0001	Chill Water Pump, Rm C201 - Disconnect at pump
4631-CHWP0002	Chill Water Pump, Rm C201 - Disconnect at pump
4631-COIL001A	Chilled Water Coil, AH0001, Rm C201
4631-COIL001B	Hot Water/Steam Coil, AH0001, Rm C201
4631-COIL002A	Chilled Water Coil, AH0002, Rm C201
4631-COIL002B	Hot Water/Steam Coil, AH0002, Rm C201
4631-COIL003A	Chilled Water Coil, AH0003, Rm C201
4631-COIL003B	Hot Water/Steam Coil, AH0003, Rm C201
4631-COIL004A	Chilled Water Coil, AH0004, Rm A107
4631-COIL004B	Hot Water/Steam Coil, AH0004, Rm A107
4631-COIL005A	Chilled Water Coil, AH0005, Rm A109
4631-COIL005B	Hot Water/Steam Coil, AH0005, Rm A109
4631-CRU0001	Computer Room Unit, Rm B104 - Disconnect at unit
4631-DOOR0001	Roll-Up Door, Rm A109, East Wall
4631-DOOR0002	Roll-Up Door, Rm A109, North Wall
4631-DOOR0003	Roll-Up Door, Rm D102, East Wall
4631-DOOR0004	Roll-Up Door, Rm D102, East Wall
4631-DOOR0005	Roll-Up Door, Rm D102, East Wall
4631-DOOR0006	Roll-Up Door, Rm D102, East Wall
4631-DOOR0007	Roll-Up Door, Rm D102, East Wall
4631-DOOR0008	Roll-Up Door, Rm D102, East Wall
4631-DOOR0009	Roll-Up Door, Rm B103, South Wall
4631-EAF0001	Exhaust Fan Vent, Rm D102 East Wall
4631-EAF0002	Exhaust Fan Vent, Rm D102, East Wall
4631-EAF0003	Exhaust Fan Vent, Rm D102, East Wall
4631-EAF0004	Exhaust Fan Vent, Rm C108, East Wall
4631-EAF0009	Exhaust Fan Vent, Rm D102 West Wall, Over Chemical Storage
4631-EAF001A	Exhaust Fan Vent, Rm D102 East Wall
4631-EW0001	Safety Eyewash, Rm A107
4631-FAS0001	Fire Alarm System, West Entry Foyer
4631-HUM0001	Humidifier, Rm C201
4631-HUM0002	Humidifier, Rm C201
4631-HWHD0001	Hot Water Heater - Domestic, Rm C118 - Disconnect at heater
4631-LC0001	Lighting Contactor, Room
4631-LC0002	Lighting Contactor, Room
4631-LC0003	Lighting Contactor, Rm C108 W Wall
4631-LC0004	Lighting Contactor, Hall at Rm D105
4631-LC0005	Lighting Contactor, Hall at Rm D105
4631-LC0006	Lighting Contactor, Hall at Rm D105
4631-LC0007	Lighting Contactor, Hall at Rm D105
4631-LC0008	Lighting Contactor, Rm B103 E Wall
4631-LC0009	Lighting Contactor, Rm B103 E Wall
4631-LC0010	Lighting Contactor, Rm C117 N Wall
4631-LC0011	Lighting Contactor, Rm D002 W Wall
4631-LP0001	Lighting Panel, Rm C117, South Wall
4631-LTS0001	Emergency Lighting - Dry Cell, Rm D102 NE Corner
4631-LTS0002	Emergency Lighting - Dry Cell, Rm D102 NW Corner
4631-LTS0003	Emergency Lighting - Dry Cell, Rm D102 E Wall, N Exit
4631-LTS0004	Emergency Lighting - Dry Cell, Rm D102 W Wall, N Exit
4631-LTS0005	Emergency Lighting - Dry Cell, Rm D102 E Wall, Center

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4631-LTS0006	Emergency Lighting - Dry Cell, Rm D102 W Wall, Center
4631-LTS0007	Emergency Lighting - Dry Cell, Rm D102 E Wall, Center Exit
4631-LTS0008	Emergency Lighting - Dry Cell, Rm D102 W Wall, S End
4631-LTS0009	Emergency Lighting - Dry Cell, Rm D102 E Wall, S Exit
4631-LTS0010	Emergency Lighting - Dry Cell, Rm C108 E Wall
4631-LTS0011	Emergency Lighting - Dry Cell, Rm C108 W Wall
4631-LTS0012	Emergency Lighting - Dry Cell, Rm C108 S Wall
4631-LTS0013	Emergency Lighting - Dry Cell, Rm A109 E Wall, N of Roll-Up Door
4631-LTS0014	Emergency Lighting - Dry Cell, Rm A109 W Wall, N Corner
4631-LTS0015	Emergency Lighting - Dry Cell, Rm A109 E Wall, S of Exit
4631-LTS0016	Emergency Lighting - Dry Cell, Rm A109 W Wall, Center
4631-LTS0017	Emergency Lighting - Dry Cell, Rm A109 SE Exit
4631-LTS0018	Emergency Lighting - Dry Cell, Rm A106 N Wall
4631-LTS0019	Emergency Lighting - Dry Cell, Rm A107 NE Corner
4631-LTS0020	Emergency Lighting - Dry Cell, Rm A107 E Wall Center
4631-LTS0021	Emergency Lighting - Dry Cell, Rm A107 E Wall S Exit
4631-LTS0022	Emergency Lighting - Dry Cell, Rm A107 W Wall S Exit
4631-LTS0023	Emergency Lighting - Dry Cell, Rm A107 W Wall N Exit
4631-LTS0024	Emergency Lighting - Flour, Rm A102 S Exit
4631-LTS0025	Emergency Lighting - Flour, Hallway, Outside A107
4631-LTS0026	Emergency Lighting - Flour, Hallway, Outside C117 At Exit
4631-LTS0027	Emergency Lighting - Flour, Hallway, Outside C116
4631-LTS0028	Emergency Lighting - Flour, Rm C114 (Men's Room)
4631-LTS0029	Emergency Lighting - Flour, Rm C113 (Women's Room)
4631-LTS0030	Emergency Lighting - Flour, Hallway, Outside C108
4631-LTS0031	Emergency Lighting - Flour, Rm C110
4631-LTS0032	Emergency Lighting - Flour, Hallway, Outside B103
4631-LTS0033	Emergency Lighting - Flour, Hallway, Outside C109
4631-LTS0034	Emergency Lighting - Flour, Hallway, Outside C102
4631-LTS0035	Emergency Lighting - Dry Cell, Rm C102
4631-LTS0036	Emergency Lighting - Dry Cell, Rm B103, Outside B104
4631-LTS0037	Emergency Lighting - Dry Cell, Rm B103, S Wall, W End
4631-LTS0038	Emergency Lighting - Dry Cell, Rm B103, W Wall, S End
4631-LTS0039	Emergency Lighting - Dry Cell, Rm B103, E Wall, Center
4631-LTS0040	Emergency Lighting - Dry Cell, Rm B103, E Wall, N Corner
4631-LTS0041	Emergency Lighting - Dry Cell, Rm B103, W Wall, N Corner
4631-LTS0042	Emergency Lighting - Dry Cell, Rm B103, N Wall, W Corner
4631-PP0001	Power Panel, Rm C117, West Wall
4631-PP0002	Power Panel, Rm D102, West Wall
4631-PP0003	Power Panel, Rm C117, South Wall
4631-PP0004	Power Panel, Rm C117, South Wall
4631-ROOF0001	Roof, Main, Bldg 4631
4631-ROOF0002	Roof, West, Bldg 4631
4631-RP0001	Receptacle Panel, Rm C117, North Wall
4631-RP0002	Receptacle Panel, Rm D102, West Wall
4631-RP0003	Receptacle Panel, Rm C117, North Wall
4631-SAF0001	Supply/Makeup Air Fan, Rm A201
4631-SAF0002	Supply/Makeup Air Fan, Rm A201
4631-SHEW0001	Safety Shower/Eyewash, Rm D102
4631-SHEW0002	Safety Shower/Eyewash, Rm B103
4631-SPR0001	Sprinkler System, Rm A109, SE Corner
4631-SS0001	Safety Switch, Room B103 S Wall
4631-SS0002	Safety Switch, Room B103 S Wall

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4631-SS0003	Safety Switch, Room B103 S Wall
4631-SS0004	Safety Switch, Room B103 S Wall
4631-SS0005	Safety Switch, Room B102 W Wall
4631-SS0006	Safety Switch, Room B102 N Wall
4631-SS0007	Safety Switch, Room B102 S Wall
4631-SS0008	Safety Switch, Room B102 S Wall
4631-SS0009	Safety Switch, Room C118 N Wall
4631-SS0010	Safety Switch, Room C201 W Wall
4631-SS0011	Safety Switch, Room C201 N Wall
4631-SS0012	Safety Switch, Room C201 N Wall
4631-SS0013	Safety Switch, Room C201 E Wall
4631-SS0014	Safety Switch, Room C201 E Wall
4631-SS0015	Safety Switch, Room C201 S Wall
4631-SS0016	Safety Switch, Room C201 S Wall
4631-SS0017	Safety Switch, Room A107 W Wall
4631-SS0018	Safety Switch, Room A107 W Wall
4631-SS0019	Safety Switch, Room A107 W Wall
4631-SS0020	Safety Switch, Room A107 W Wall
4631-SS0021	Safety Switch, Room A107 E Wall
4631-SS0022	Safety Switch, Room A107 E Wall
4631-SS0023	Safety Switch, Room A107 E Wall
4631-SS0024	Safety Switch, Room A107 E Wall
4631-SS0025	Safety Switch, Room A107 E Wall
4631-SS0026	Safety Switch, Room A104 S Wall
4631-SS0027	Safety Switch, Room A104 W Wall
4631-SS0028	Safety Switch, Room A102 W Wall
4631-SS0029	Safety Switch, Room A109 W Wall
4631-SS0030	Safety Switch, Room A109 W Wall
4631-SS0031	Safety Switch, Room A109 E Wall
4631-SS0032	Safety Switch, Room A109 E Wall
4631-SS0033	Safety Switch, Room A109 E Wall
4631-SS0034	Safety Switch, Room A109 E Wall
4631-SS0035	Safety Switch, Room A109 E Wall
4631-SS0036	Safety Switch, Room A109 E Wall
4631-SS0037	Safety Switch, Room A109 E Wall
4631-SS0038	Safety Switch, Room A108 W Wall
4631-SS0039	Safety Switch, Room A201 S Wall
4631-SS0040	Safety Switch, Room A201 S Wall
4631-SS0041	Safety Switch, Room C108 S Wall
4631-SS0042	Safety Switch, Room C108 S Wall
4631-SS0043	Safety Switch, Room C108 S Wall
4631-SS0044	Safety Switch, Room C108 W Wall
4631-SS0045	Safety Switch, Room C108 W Wall
4631-SS0046	Safety Switch, Room C108 E Wall
4631-SS0047	Safety Switch, Room C108 E Wall
4631-SS0048	Safety Switch, Room D002 E Wall
4631-SS0049	Safety Switch, Room D002 E Wall
4631-SS0050	Safety Switch, Room D002 E Wall
4631-SS0051	Safety Switch, Room D002 E Wall
4631-SS0052	Safety Switch, Room D002 E Wall
4631-SS0053	Safety Switch, Room D002 Haz Storage E Wall
4631-SS0054	Safety Switch, Room D002 Haz Storage E Wall
4631-SS0055	Safety Switch, Room D002 Haz Storage E Wall

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4631-SS0056	Safety Switch, Room D002 Haz Storage N Wall
4631-SS0057	Safety Switch, Room D002 Haz Storage N Wall
4631-SS0058	Safety Switch, Room D002 Haz Storage E Wall
4631-SS0059	Safety Switch, Room D002 Rad Heater
4631-SS0060	Safety Switch, Room D002 Rad Heater
4631-SS0061	Safety Switch, Room D002 Rad Heater
4631-SS0062	Safety Switch, Room D002 Rad Heater
4631-SS0063	Safety Switch, Room D002 Rad Heater
4631-SS0064	Safety Switch, Room D002 Rad Heater
4631-SS0065	Safety Switch, Room D002 Rad Heater
4631-SS0066	Safety Switch, Room D002 Rad Heater
4631-SS0067	Safety Switch, Room D002 Rad Heater
4631-SS0068	Safety Switch, Room D002 Rad Heater
4631-SS0069	Safety Switch, Room D002 Rad Heater
4631-SS0070	Safety Switch, Room D002 Rad Heater
4631-SS0071	Safety Switch, Room D002 Rad Heater
4631-SS0072	Safety Switch, Room D002 Rad Heater
4631-SS0073	Safety Switch, Room D002 Rad Heater
4631-SS0074	Safety Switch, Room D002 Rad Heater
4631-SS0075	Safety Switch, Room D002 Rad Heater
4631-SS0076	Safety Switch, Room D002 Rad Heater
4631-SS0077	Safety Switch, Outside East, Dust Collector #1
4631-SS0078	Safety Switch, Outside East, Dust Collector #2
4631-SS0079	Safety Switch, Outside East, Dust Collector #3
4631-SS0080	Safety Switch, Rm B102 N Wall
4631-STRT0001	Starter, Room A107 E Wall
4631-STRT0002	Starter, Room A107 E Wall
4631-STRT0003	Starter, Room A109 E Wall
4631-STRT0004	Starter, Room A109 E Wall
4631-STRT0005	Starter, Room C108 W Wall
4631-STRT0006	Starter, Room C108 E Wall
4631-STRT0007	Starter, Room D002 Rad Heater
4631-STRT0008	Starter, Room D002 Rad Heater
4631-STRT0009	Starter, Room D002 Rad Heater
4631-STRT0010	Starter, Room D002 Rad Heater
4631-STRT0011	Starter, Room D002 Rad Heater
4631-STRT0012	Starter, Room D002 Rad Heater
4631-STRT0013	Starter, Room D002 Rad Heater
4631-STRT0014	Starter, Room D002 Rad Heater
4631-STRT0015	Starter, Room D002 Rad Heater
4631-STRT0016	Starter, Room D002 Rad Heater
4631-STRT0017	Starter, Room D002 Rad Heater
4631-STRT0018	Starter, Room D002 Rad Heater
4631-STRT0019	Starter, Room D002 Rad Heater
4631-STRT0020	Starter, Room D002 Rad Heater
4631-STRT0021	Starter, Room D002 Rad Heater
4631-STRT0022	Starter, Room D002 Rad Heater
4631-STRT0023	Starter, Room D002 Rad Heater
4631-STRT0024	Starter, Room D002 Rad Heater
4631-SWBD0001	Switch Board, Rm C117
4631-SWBD0002	Switch Board, Rm C117, North Wall
4631-VSC0001	Variable Speed Control, Rm C201 - Associ. w/ AH-1
4631-VSC0002	Variable Speed Control, Rm C201 - Associ. w/ AH-2

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4631-VSC0003	Variable Speed Control, Rm C201 - Associ. w/ CHWP-1
4631-VSC0004	Variable Speed Control, Rm C201 - Associ. w/ CHWP-2
4631-VSC0005	Variable Speed Control, Rm C201 - Associ. w/ AH-3
4631-XFMR0001	Transformer, Outside, South West Corner
4631-XFMR0002	Transformer, Outside, South West Corner
4635-1-ROOF0001	Roof, Main, Bldg 4635-1
4635-1-SHEW0002	Safety Shower & Eyewash, 4635-1, Northside, O/S
4635-2-ROOF0001	Roof, Main, Bldg 4635-2
4635-3-ROOF0001	Roof, Main, Bldg 4635-3
4635-3-SHEW0001	Safety Shower & Eyewash, 4635-3, West Side
4635-4-ROOF0001	Roof, Main, Bldg 4635-4
4635-4-SHEW0001	Safety Shower and Eyewash Station, West Side O/S
4635-RP0001	Receptacle Panel Board, Bld 4635-3
4635-SHEW0001	Safety Shower And Eyewash, West End Of Yard
4635-SHEW0002	Safety Shower And Eyewash, Storage Tank Area
4635-SS0001	Safety Switch, West Side Of 4635-3
4635-SS0002	Safety Switch, Bld. 4635-3
4635-SS0003	Safety Switch, Bld. 4635-3
4635-SS0004	Safety Switch, Bld. 4635-3
4635-XFMR0001	Transformer, West Side Of 4635-3
4638-ACMP0001	Air Compressor , Outside, SE - Disconnect on north wall
4638-ADRY0001	Air Dryer, East Side Outside
4638-CBP0001	Circuit Breaker Panel, Outside, South
4638-DOOR0001	Roll-Up Door, Rm 100 NW - Disconnect at door
4638-DXAC0001	Direct Expansion AC Unit, South Outside - Disconnect at unit
4638-FAS0001	Fire Alarm System, Rm 100
4638-HST0001	Manual Hoist, 3/4 Ton, Rm 100
4638-HWHD0001	Hot Water Heater - Domestic, Rm 100 - Disconnect at heater
4638-LTS0001	Emergency Lighting - Rm 100, E. wall
4638-PNL0001	Panel Board, Rm 100, North Wall
4638-PNL0002	Panel Board, Rm 100, North Wall
4638-PNL0003	Panel Board, Rm 100, North Wall
4638-ROOF0001	Roof, Main, Bldg 4638
4638-SS0001	Safety Switch, North Wall
4638-SS0002	Safety Switch, Outside, East
4638-SS0003	Safety Switch, Outside, South
4638-STRT0001	Starter, Outside, East
4638-XFMR0001	Transformer, Rm 100, North Wall
4638-XFMR0002	Transformer, Rm 100, North Wall
4639-BATB0001	Battery Bank, Rm 1
4639-DOOR0001	Roll-Up Door, North, Rm 1 - Disconnect at door
4639-DXAC0001	Direct Expansion AC Unit, West Outside - Disconnect at unit
4639-EAF0001	Exhaust Fan, Battery Bank Room
4639-HWHD0001	Hot Water Heater - Domestic, Rest Room, Rm 3 - Disconnect at heater
4639-PNL0001	Panel Board, North Wall, Rm 1
4639-PNL0002	Panel Board, North Wall, Rm 1
4639-PNL0003	Panel Board, North Wall
4639-ROOF0001	Roof, Main, Bldg 4639
4639-SH0001	Safety Shower and Eyewash, Rm 1
4639-SH0002	Safety Shower and Eyewash, Rm 1
4639-SHEW0001	Emergency Shower Eyewash, East End Of Battery Room
4639-SHEW0002	Emergency Shower Eyewash, East End Of Battery Room
4639-SS0001	Safety Switch, Outside, West

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4639-SS0002	Safety Switch, Outside, West
4639-SS0003	Safety Switch, Room 2
4639-SS0004	Safety Switch, Room 3
4639-STRT0001	Starter, North Wall
4639-STRT0002	Starter, Room 2
4639-TMR0001	Timer, Room 2
4639-XFMR0001	Transformer, North Wall, Rm 1
4639-XFMR0002	Transformer, North Wall
4640-ACMP0001	Air Compressor Unit, Portable, Shed - Disconnect at compressor
4640-CBP0001	Circuit Breaker Panel, Room 3, E. Wall
4640-DOOR0001	Roll-Up Door, North Side, Rm 3 - Disconnect at door
4640-DXAC0001	Direct Expansion AC Unit, Rm 3, South Wall - Disconnect at unit
4640-DXAC0001	Direct Expansion AC Unit, Rm 3, South Wall - Disconnect at unit
4640-EW0001	Safety Eyewash, Rm 1, East Wall
4640-EW0002	Safety Eyewash, Rm 3
4640-FAS0001	Fire Alarm System, Rm 3, East Wall
4640-GEN0001	Emergency Generator, Spill Response Trailer
4640-HDT0001	Hydrogen Detection System, Rm 1, East Wall
4640-HWHD0001	Hot Water Heater - Domestic, Rm 1, SW - Disconnect at heater
4640-ODT0001	Oxygen Detection System, Rm 1, East Wall
4640-PNL0001	Panel Board, Rm 3, North Wall
4640-PNL0002	Panel Board, Rm 3, North Wall
4640-ROOF0001	Roof, Main, Bldg 4640
4640-SS0001	Safety Switch, South Wall
4640-SS0002	Safety Switch, South Wall
4640-SS0003	Safety Switch, North Wall
4640-SS0004	Safety Switch, North Wall
4640-SS0005	Safety Switch, North Wall
4640-SS0006	Safety Switch, Outside, South
4640-SS0007	Safety Switch, Shed, East
4640-SS0008	Safety Switch, Shed, East
4640-SS0009	Safety Switch, Outside, North
4640-SS0010	Safety Switch, Outside, North
4640-XFMR0001	Transformer, Rm 3, North Wall
4641-DOOR0001	Roll-Up Door, West End, Rm 100 - Disconnect at door
4641-LTS0001	Emergency Lighting, Rm 100
4641-PNL0001	Panel Board, West Wall, Rm 100
4641-PNL0002	Panel Board, West Wall, Rm 100
4641-PNL0003	Panel Board, West Wall, Rm 100
4641-ROOF0001	Roof, Main, Bldg 4641
4641-SS0001	Safety Switch, East Wall
4641-SS0002	Safety Switch, East Wall
4641-SS0003	Safety Switch, East Wall
4641-SS0004	Safety Switch, East Wall
4641-SS0005	Safety Switch, South Wall
4641-SS0006	Safety Switch, South Wall
4641-SS0007	Safety Switch, West Wall
4641-SS0008	Safety Switch, North Wall
4641-SS0009	Safety Switch, North Wall
4641-UH0001	Unit Heater Electric, Rm 100
4641-XFMR0001	Transformer, West Wall, Rm 100
4641-XFMR0002	Transformer, West Wall, Rm 100
4642-ACMP0001	Shop Air Compressor, Workshop

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4642-DOOR0001	Roll-Up Door, West End - Disconnect at door
4642-DXAC0001	Package Dxac Unit, Outside Bldg.
4642-LTS0001	Emergency Lighting, Rm 100
4642-PNL0001	Panel Board, West Wall
4642-PNL0002	Panel Board, West Wall
4642-PNL0003	Panel Board, West Wall
4642-ROOF0001	Roof, Main, Bldg 4642
4642-SS0001	Safety Switch, East Wall
4642-SS0002	Safety Switch, South Wall
4642-SS0003	Safety Switch, South Wall
4642-SS0004	Safety Switch, South Wall
4642-SS0005	Safety Switch, West Wall
4642-XFMR0001	Transformer, West Wall
4642-XFMR0002	Transformer, West Wall
4643-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4643-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4643-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4643-FAS0001	Fire Alarm System, Inside
4643-HWHD0001	Hot Water Heater - Domestic, West Side - Disconnect at heater
4643-PNL0001	Panel Board, Interior
4643-ROOF0001	Roof, Main, Bldg 4643
4643-SHEW0001	Safety Shower & Eyewash, West End
4643-SHEW0002	Safety Shower & Eyewash, West End
4643-SPR0001	Sprinkler System, Test Cell, West End - SYSTEM OUT OF SERVICE SAFETY
4643-SS0001	Safety Switch, Outside, East
4643-SS0002	Safety Switch, East Wall
4643-SS0003	Safety Switch, East Wall
4643-SS0004	Safety Switch, South Wall
4643-STRT0001	Starter, East Wall
4643-STRT0002	Starter, East Wall
4643-TMR0001	Timer, West Wall
4644-DXAC0001	Direct Expansion AC Unit, East End South
4644-DXAC0002	Direct Expansion AC Unit, East End North
4644-HWHD0001	Hot Water Heater, Room 102
4644-ROOF0001	Roof, Main, Bldg 4644
4644-SUB0001	Substation, SE Corner
4645-DOOR0001	Roll-Up Door, South Side, Rm 1 - Disconnect at door
4645-HV0001	Heating Vent Unit, Rm 3
4645-PNL0001	Panel Board, Rm 3
4645-PNL0002	Panel Board, Rm 3
4645-PNL0003	Panel Board, Rm 3
4645-PNL0004	Panel Board, Rm 3
4645-PNL0005	Panel Board, Rm 2
4645-ROOF0001	Roof, Main, Bldg 4645
4645-SS0001	Safety Switch, North Wall, West End
4645-SS0002	Safety Switch, West Wall
4645-SS0003	Safety Switch, East Wall, East End
4645-SS0004	Safety Switch, Outside, Sw Corner
4645-SS0005	Safety Switch, Outside, Sw Corner
4645-STRT0001	Starter, Center Section
4645-STRT0002	Starter, Center Section
4645-STRT0003	Starter, Center Section
4645-STRT0004	Starter, Center Section

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4645-STRT0005	Starter, Center Section
4645-STRT0006	Starter, Center Section
4645-SUB0001	Substation, South Outside
4645-XFMR0001	Transformer, Rm 3
4645-XFMR0002	Transformer, North Wall
4646-ACMP0001	Air Compressor Control, Rm 110/Rm E01 - Disconnect room E1
4646-ADRY0001	Air Dryer, Rm 110/Rm E01 - Disconnect room E1
4646-AH0001	Air Handling Unit, Rm 110/Rm E01 - Disconnect room E1
4646-CBP0001	Circuit Breaker Panel, E-01
4646-CHLR0001	Water Chiller, Rm 110/Rm E01
4646-CHWP0001	Chill Water Pump, Rm 110/Rm E01 - Disconnect room E1
4646-COIL001A	Chilled Water Coil, AH0001, Rm 110/E-1
4646-COIL001B	Hot Water/Steam Coil, AH0001, Rm 110/E-1
4646-EAF0001	Exhaust Blower Fan, Rm 110/Rm E01 - Disconnect in room E1
4646-FAS0001	Fire Alarm System, 1st Floor
4646-FID0001	Field Interface Device, 1st Floor Hallway
4646-HWHD0001	Hot Water Heater - Domestic, Rm 110/Rm E01 - Disconnect room E1
4646-LC0001	Lighting Contactor, E-01
4646-LTS0001	Emergency Lighting - Hall by 103
4646-LTS0002	Emergency Lighting - 2nd Floor
4646-MCC0001	Motor Control Center, Rm 110/Rm E01
4646-PNL0001	Panel Board, Rm 110/Rm E01
4646-PNL0002	Panel Board, Rm 110/Rm E01
4646-PNL0003	Panel Board, Hallway
4646-PNL0004	Panel Board, Rm 101
4646-PNL0005	Panel Board, Rm 109
4646-PNL0006	Panel Board, Rm 110/Rm E01
4646-PNL0007	Panel Board, Rm 110/Rm E01
4646-PNL0008	Panel Board, Rm 201
4646-PNL0009	Panel Board, Rm 203
4646-REC0001	Rectifier, Rm 110/Rm E01
4646-REC0002	Rectifier, Rm 110/Rm E01
4646-REC0003	Rectifier, Rm 110/Rm E01
4646-ROOF0001	Roof, Main, Bldg 4646
4646-SS0001	Safety Switch, E-01
4646-SS0002	Safety Switch, E-01
4646-SS0003	Safety Switch, E-01
4646-SS0004	Safety Switch, E-01
4646-SS0005	Safety Switch, 107
4646-TMR0001	Timer, 102
4646-XFMR0001	Transformer, Rm 110/Rm E01
4646-XFMR0002	Transformer, Rm 110/Rm E01
4646-XFMR0003	Transformer, Rm 110/Rm E01
4648-ACMP0001	Air Compressor Control, Rm 104, NE Corner Outside - Disconnect room 104 NE corner
4648-ADRY0001	Air Dryer, Rm 104 Storage Area
4648-CBP0001	Circuit Breaker Panel, Outside Shed
4648-CBP0002	Circuit Breaker Panel, Outside Shed
4648-CBS0001	Circuit Breaker Starter, Room E-01
4648-CBS0002	Circuit Breaker Starter, Room E-01
4648-CBS0003	Circuit Breaker Starter, Room E-01
4648-CBS0004	Circuit Breaker Starter, Room E-01
4648-CONT0001	Contactor, Room 112, W. Wall
4648-CONT0002	Contactor, Room 110, E. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4648-CONT0003	Contactora, Room 109, E. Wall
4648-CONT0004	Contactora, Room E-01
4648-CONT0005	Contactora, Room E-01
4648-CONT0006	Contactora, Room E-01
4648-CONT0007	Contactora, Room E-01
4648-CONT0008	Contactora, Room E-01
4648-CONT0009	Contactora, Room E-01
4648-CONT0010	Contactora, Room E-01
4648-CONT0011	Contactora, Room E-01
4648-CONT0012	Contactora, Room E-01
4648-CONT0013	Contactora, Room E-01
4648-CONT0014	Contactora, Room 111, E. Wall
4648-DOOR0001	Roll-Up Door, West Side - Disconnect at door
4648-DOOR0002	Sliding Door, South Side
4648-DOOR0003	Sliding Door, Southside, Room 109
4648-DOOR0004	Sliding Door, Southside, Room 110
4648-DOOR0005	Sliding Door, Southside, Room 111
4648-DOOR0006	Sliding Door, Southside, Room 112
4648-DXAC0001	Direct Expansion AC Unit, Rm 104 - Disconnect at unit
4648-DXAC0001	Direct Expansion AC Unit, Rm 104 - Disconnect at unit
4648-FAS0001	Fire Alarm System, Rm 101, Bldg 4648
4648-HST0002	Chain Hoist 3 Ton, South Side Outside
4648-HST0003	Electric Hoist 2 Ton, Rm 110 - Disconnect at ON HOIST
4648-HWHD0001	HW Heater Domestic, Rm 104, NE Corner Outside - Disconnect at heater
4648-HWHD0002	HW Heater Domestic, South Side Outside - Disconnect at heater
4648-LTS0002	Emergency Lighting - Rm. 106
4648-LTS0003	Emergency Lighting - Rm 101 W. side
4648-LTS0004	Emergency Lighting - Rm 112 W. wall
4648-LTS0005	Emergency Lighting - Rm 111 E. wall
4648-LTS0007	Emergency Lighting - Hall by Rm 103
4648-ODT0001	Oxygen Detection System, Rm 101, Bldg 4648
4648-PNL0001	Panel Board, Rm 101, Bldg 4648
4648-PNL0002	Panel Board, Rm 104, NE Corner Outside
4648-PNL0003	Panel Board, Hallway Outside Rm 103
4648-PNL0004	Panel Board, Rm 104, NE Corner Outside
4648-PNL0005	Panel Board, Rm 104, NE Corner Outside
4648-PNL0006	Panel Board, Rm 104, NE Corner Outside
4648-PNL0007	Panel Board, Rm 104, NE Corner Outside
4648-PNL0008	Panel Board, Rm 104, NE Corner Outside
4648-RLY0001	Relay, Room 112, E. Wall
4648-RLY0002	Relay, Room 112, E. Wall
4648-ROOF0001	Roof, Main, Bldg 4648
4648-ROOF0002	Roof, Center, Bldg 4648
4648-ROOF0003	Roof, South, Bldg 4648
4648-SS0001	Safety Switch, Room 101, N. Wall
4648-SS0002	Safety Switch, Room 101, S. Wall
4648-SS0003	Safety Switch, Room 117, W. Wall
4648-SS0004	Safety Switch, Room 112, W. Wall
4648-SS0005	Safety Switch, Room 110, E. Wall
4648-SS0006	Safety Switch, Room 109, E. Wall
4648-SS0007	Safety Switch, Outside, West
4648-SS0008	Safety Switch, Outside Shed
4648-SS0009	Safety Switch, Outside Shed

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4648-SS0010	Safety Switch, Room E-01
4648-SS0011	Safety Switch, Room E-01
4648-SS0012	Safety Switch, Room E-01
4648-SS0013	Safety Switch, Room E-01
4648-SS0014	Safety Switch, Outside, North
4648-SS0015	Safety Switch, Room 111, E. Wall
4648-STRT0001	Starter, Room 101, W. Wall
4648-STRT0002	Starter, Room 101, S. Wall
4648-STRT0003	Starter, Room 112, E. Wall
4648-STRT0004	Starter, Outside, West
4648-STRT0005	Starter, Room E-01
4648-STRT0006	Starter, Room E-01
4648-STRT0007	Starter, Room E-01
4648-STRT0008	Starter, Room E-01
4648-SUB0001	Substation, North Side
4648-TMR0001	Timer, Room E-01
4648-UH0001	Unit Heater, Electric, Room 101
4648-UH0002	Unit Heater, Electric, Room 101
4648-UH0003	Unit Heater, Electric, Room 101
4648-UH0004	Unit Heater, Electric, Room 104
4648-UH0005	Unit Heater, Electric, Room 112
4648-XFMR0001	Transformer, Outside, East
4648-XFMR0002	Transformer, Room E-01
4649-ACMP0002	Air Compressor Control, Rm E01 - ABANDONED
4649-ADRY0001	Air Dryer, Rm E01 - ABANDON IN PLACE BY COFF
4649-AH0001	Air Handling Unit, Rm 109
4649-AH0002	Air Handling Unit, Rm 109
4649-ATS0001	Auto Transfer Switch, Rm 100B
4649-ATS0002	Auto Transfer Switch, Room E-01
4649-CBS0001	Circuit Breaker Starter, Room 100, High Bay
4649-CBS0002	Circuit Breaker Starter, Room 100, High Bay
4649-CBS0003	Circuit Breaker Starter, Room 100, High Bay
4649-CBS0004	Circuit Breaker Starter, Room E-01
4649-CHLR0001	Air Cooled Chiller, NE Outside
4649-CHWP0001	Chill Water Pump, Rm 109 - Disconnect at pump
4649-CHWP0002	Chill Water Pump, Rm 109 - Disconnect at pump
4649-CNDP0001	Condensate Pump, Rm E01 - Disconnect room E1
4649-COIL001A	Chilled Water Coil, AH0001, Rm 109
4649-COIL001B	Hot Water/Steam Coil, AH0001, Rm 109
4649-COIL002A	Chilled Water Coil, AH0002, Rm 109
4649-COIL002B	Hot Water/Steam Coil, AH0002, Rm 109
4649-CRN0001	25-Ton Bridge Crane, North End, High Bay, Rm 100 - Disconnect at EAST WALL
4649-CRN0002	25-Ton Bridge Crane, South End, High Bay, Rm 100 - Disconnect at EAST WALL
4649-DOOR0001	Roll-Up Door, NE Side - Disconnect at door
4649-DOOR0002	Sliding Door, SE Side - ABANDON IN PLACE BY COFF
4649-DXAC0005	Direct Expansion AC Unit, Rm 100B - East Outside - Disconnect at unit
4649-DXAC0005	Direct Expansion AC Unit, Rm 100B - East Outside - Disconnect at unit
4649-EW0001	Safety Eyewash, West Inside - Equipment REMOVED 11/07/05
4649-FAS0001	Fire Alarm System, Inside East Entrance
4649-GEN0001	Emergency Generator, NE Outside
4649-GEN0002	Emergency Generator, NE Outside
4649-HTR0001	Heater Unit, Mens Rm, Rm 104 - Disconnect at unit
4649-HTR0002	Heater Unit, Ladies Rm, Rm 103 - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4649-HUM0001	Humidifier, Rm 109 - Disconnect at unit
4649-HUM0002	Humidifier, Rm 109 - Disconnect at unit
4649-HWHD0001	Hot Water Heater - Domestic, Rm E01 - Disconnect room E1
4649-HWP0001	Hot Water Pump, Rm E01 - Disconnect room E1
4649-HWP0002	Hot Water Pump, Rm E01 - Disconnect room E1
4649-LROD0001	Lightning Protection System, Roof
4649-LTS0001	Emergency Light, Hall At Room 106
4649-LTS0002	Emergency Light, Room 107
4649-LTS0003	Emergency Light, Room 109
4649-LTS0004	Emergency Light, Rm. 100, High Bay West
4649-LTS0005	Emergency Light, Rm. 100, High Bay West
4649-LTS0006	Emergency Light, Rm. 100, High Bay West
4649-LTS0007	Emergency Light, Rm. 100, High Bay East
4649-LTS0008	Emergency Light, Rm. 100, High Bay East
4649-LTS0009	Emergency Light, Rm. 100, High Bay East
4649-PNL0001	Panel Board, Rm E01
4649-PNL0002	Panel Board, Rm E01
4649-PNL0003	Panel Board, Rm E01
4649-PNL0004	Panel Board, East Side, High Bay, Rm 100
4649-PNL0005	Panel Board, East Side, High Bay, Rm 100
4649-PNL0006	Panel Board, North Side, High Bay, Rm 100
4649-PNL0007	Panel Board, East Side, High Bay, Rm 100
4649-PNL0008	Panel Board, West Side, High Bay, Rm 100
4649-PNL0009	Panel Board, West Side, High Bay, Rm 100
4649-PNL0010	Panel Board, West Side, High Bay, Rm 100
4649-PNL0011	Panel Board, West Outside
4649-PNL0012	Panel Board, Rm 100, High Bay
4649-PNL0013	Panel Board, Rm 100, High Bay
4649-PNL0014	Panel Board, Rm 100, High Bay
4649-PNL0015	Panel Board, Rm 100, High Bay
4649-PNL0016	Panel Board, Rm 100, High Bay
4649-PNL0017	Panel Board, Rm 100, High Bay
4649-PNL0018	Panel Board, Rm 100, High Bay
4649-ROOF0001	Roof, Main, Bldg 4649
4649-ROOF0002	Roof, East, Bldg 4649
4649-ROOF0003	Roof, Bldg 4649
4649-SS0001	Safety Switch, Room 106
4649-SS0002	Safety Switch, Room 106
4649-SS0003	Safety Switch, Room 106
4649-SS0004	Safety Switch, Room 106
4649-SS0005	Safety Switch, Room 106
4649-SS0006	Safety Switch, Room 107
4649-SS0007	Safety Switch, Room 109
4649-SS0008	Safety Switch, Room 109
4649-SS0009	Safety Switch, Room 109
4649-SS0010	Safety Switch, Room 109
4649-SS0011	Safety Switch, Room 109
4649-SS0012	Safety Switch, Room 109
4649-SS0013	Safety Switch, Room 109
4649-SS0014	Safety Switch, Room 109
4649-SS0015	Safety Switch, Room 109
4649-SS0016	Safety Switch, Room 109
4649-SS0017	Safety Switch, Room 109

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4649-SS0018	Safety Switch, Room 109
4649-SS0019	Safety Switch, Room 100, High Bay
4649-SS0020	Safety Switch, Room 100, High Bay
4649-SS0021	Safety Switch, Room 100, High Bay
4649-SS0022	Safety Switch, Room 100, High Bay
4649-SS0023	Safety Switch, Room 100, High Bay
4649-SS0024	Safety Switch, Room 100, High Bay
4649-SS0025	Safety Switch, Room 100, High Bay
4649-SS0026	Safety Switch, Room 100, High Bay
4649-SS0027	Safety Switch, Room 100 High Bay
4649-SS0028	Safety Switch, Outside, East
4649-SS0029	Safety Switch, Room E-01
4649-SS0030	Safety Switch, Room E-01
4649-SS0031	Safety Switch, Room E-01
4649-SS0032	Safety Switch, Room E-01
4649-SS0033	Safety Switch, Outside, N. West
4649-SS0034	Safety Switch, Outside, W. Yard
4649-STRT0001	Starter, Room 106
4649-STRT0002	Starter, Room 109
4649-STRT0003	Starter, Room 109
4649-STRT0004	Starter, Room 109
4649-STRT0005	Starter, Room 109
4649-STRT0006	Starter, Room 109
4649-STRT0007	Starter, Room E-01
4649-STRT0008	Starter, Room E-01
4649-SUB0001	Substation, NE Corner
4649-SWBD0001	Switch Board, Room 107
4649-TMR0001	Timer, Room 109
4649-TMR0002	Timer, Room E-01
4649-XFMR0001	Transformer, Rm E01
4649-XFMR0002	Transformer, West Side, High Bay, Rm 100
4649-XFMR0003	Transformer, Room 107
4649-XFMR0004	Transformer, Room E-01
4650-ACMP0001	Air Compressor Controller, Rm 19N/Rm E03
4650-ACMP0003	Air Compressor Shop, Pipefitter Shop - Disconnect East wall
4650-ACMP0005	Air Compressor Sprinkler, Rm Rm 126/Rm E2 - Disconnect room E2
4650-ADRY0001	Air Dryer, Rm Rm 126/Rm E2 - Disconnect room E2
4650-AH0001	Air Handling Unit, Rm 117/Rm E01 - Disconnect room E1
4650-AH0002	Air Handling Unit, Rm 117/Rm E01 - Disconnect room E1
4650-AH0003	Air Handling Unit, Outside Rm 104 - Disconnect on unit
4650-AH0004	Air Handling Unit, Balcony, 2nd Floor - Disconnect on unit
4650-AH0005	Air Handling Unit, Rm 19N/Rm E03 - Disconnect in room E3
4650-AH0006	Air Handling Unit, Rm 18 - Paint Shop - Disconnect on unit
4650-AH0007	Air Handling Unit, Rm 14 Overhead - Disconnect on unit
4650-AH004A	Air Handling Unit, 2nd Floor East End - Disconnect on unit
4650-BATB0001	Battery Bank, Rm 115/Rm E05
4650-BPD0001	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0002	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0003	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0004	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0005	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0006	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0007	Buss Plug Disconnect, N. High Bay, N. Wall

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-BPD0008	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0009	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0010	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0011	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0012	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0013	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0014	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0015	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0016	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0017	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0018	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0019	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0020	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0021	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0022	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0023	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0024	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0025	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0026	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0027	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0028	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0029	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0030	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0031	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0032	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0033	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0034	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0035	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0036	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0037	Buss Plug Disconnect, N. High Bay, N. Wall
4650-BPD0038	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0039	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0040	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0041	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0042	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0043	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0045	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0046	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0047	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0048	Buss Plug Disconnect, N. High Bay, S. Wall
4650-BPD0049	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0050	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0051	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0052	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0053	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0054	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0055	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0056	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0057	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0058	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0059	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0060	Buss Plug Disconnect, S. High Bay, N. Wall, E. End
4650-BPD0061	Buss Plug Disconnect, S. High Bay, N. Wall, W. End

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-BPD0062	Buss Plug Disconnect, S. High Bay, N. Wall, W. End
4650-BPD0063	Buss Plug Disconnect, S. High Bay, N. Wall, W. End
4650-BPD0064	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0065	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0066	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0067	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0068	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0069	Buss Plug Disconnect, S. High Bay, S. Wall, W. End
4650-BPD0070	Buss Plug Disconnect, S. High Bay, S Wall, W. End
4650-BPD0071	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0072	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0073	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0074	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0075	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0076	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0077	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0078	Buss Plug Disconnect, S. High Bay, S. Wall
4650-BPD0079	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0080	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0081	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0082	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0083	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0084	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0085	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-BPD0086	Buss Plug Disconnect, Millwright'S Shop, N. Wall
4650-CBP0001	Circuit Breaker Panel, N. High Bay, S. Wall, Col B12
4650-CBP0002	Circuit Breaker Panel, S. High Bay, S. Wall
4650-CBP0003	Circuit Breaker Panel, S. High Bay, S. Wall
4650-CBP0004	Circuit Breaker Panel, Pm Room
4650-CBP0005	Circuit Breaker Panel, N. High Bay, N. Wall
4650-CBP0006	Circuit Breaker Panel, Valve Shop, E. Wall
4650-CBP0007	Circuit Breaker Panel, 119
4650-CBP0008	Circuit Breaker Panel, Room 128, O.S. Parking Median
4650-CBP0030	Circuit Breaker Panel, Roof, Over Paint Booth
4650-CBX0001	Control Box, N. High Bay, S. Wall
4650-CBX0002	Control Box, Room E-03
4650-CBX0003	Control Box, N. High Bay, S. Wall
4650-CBX0004	Control Box, N. High Bay, E. Wall
4650-CBX0006	Control Box, S. High Bay, Rm 19D
4650-CBX0010	Control Box, N. High Bay, N. Wall
4650-CHWP0001	Chill Water Pump, Rm Rm 126/Rm E2 - Disconnect room E2
4650-CHWP0002	Chill Water Pump, Rm Rm 126/Rm E2 - Disconnect room E2
4650-CHWP0003	Chill Water Pump, Rm 19N/Rm E03 - Disconnect in room E3
4650-COIL001A	Chilled Water Coil, AH0001, Rm 117/E-1
4650-COIL001B	Hot Water/Steam Coil, AH0001, Rm 117/E-1
4650-COIL002A	Chilled Water Coil, AH0002, Rm 117/E-1
4650-COIL002B	Hot Water/Steam Coil, AH0002, Rm 117/E-1
4650-COIL003A	Chilled Water Coil, AH0003, Outside Rm 104
4650-COIL003B	Hot Water/Steam Coil, AH0003, Outside Rm 104
4650-COIL004A	Chilled Water Coil, AH0004, Balcony, 2nd Floor
4650-COIL004B	Hot Water/Steam Coil, AH0004, Balcony, 2nd Floor
4650-COIL005A	Chilled Water Coil, AH0005, Rm 19N/E-3
4650-COIL005B	Hot Water/Steam Coil, AH0005, Rm 19N/E-3

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-COIL006A	Chilled Water Coil, AH0006, Rm 18
4650-COIL006B	Hot Water/Steam Coil, AH0006, Rm 18
4650-COIL007A	Chilled Water Coil, AH0007, Rm 14
4650-COIL007B	Hot Water/Steam Coil, AH0007, Rm 14
4650-COIL04AA	Chilled Water Coil, AH004A, 2nd Floor East End
4650-COIL04AB	Hot Water/Steam Coil, AH004A, 2nd Floor East End
4650-CONT0001	Contactor, Motor Shop Repair
4650-CONT0002	Contactor, Motor Shop Repair
4650-CONT0003	Contactor, N. Low Bay, N. Wall
4650-CONT0004	Contactor, N. Low Bay, N. Wall
4650-CONT0005	Contactor, N. High Bay, Rm 25
4650-CRN0001	10-Ton Bridge Crane, Center Bay, East End - Disconnect at SOUTH EAST CORNER
4650-CRN0002	10-Ton Bridge Crane, Center Bay - Disconnect at SOUTH EAST CORNER
4650-CRN0003	20-Ton Bridge Crane, South Bay, West End - Disconnect at NORTH WEST WALL
4650-CRN0004	20-Ton Bridge Crane, South Bay - Disconnect at NORTH EAST WALL
4650-CRN0005	3-Ton Bridge Crane, South Bay, East End - Disconnect at NORTH EAST WALL
4650-CRN0006	3-Ton Bridge Crane, North Bay, East End, Rm 29 - Disconnect at NORTH WALL
4650-CRN0007	3-Ton Bridge Crane, North Bay, West End, Rm 29 - Disconnect at NORTH WALL
4650-CRN0008	30-Ton Bridge Crane, Center Bay, West End - Disconnect at NORTH EAST WALL
4650-DOOR0001	Automatic Roll-Up Door, North Side - Disconnect at door
4650-DOOR0002	Automatic Roll-Up Door, West End Rm. 104 - Disconnect at door
4650-DOOR0003	Automatic Roll-Up Door, West End, North High Bay - Disconnect at door
4650-DOOR0004	Automatic Roll-Up Door, West End, South High Bay, Rm 19 - Disconnect at door
4650-DOOR0005	Automatic Roll-Up Door, Center High Bay, Rm 21 - Disconnect at door
4650-DOOR0006	Automatic Sliding Door, Center High Bay, West End, Rm 21 - Disconnect at door
4650-DOOR0007	Automatic Personnel Door, Folding, East Side South
4650-DOOR0008	Personnel Door Electric, Se Entrance
4650-DOOR0009	Roll-Up Door Electric, Rm 19 Ne End
4650-DXAC0001	Direct Expansion AC Unit, Rm 22E - Disconnect at unit
4650-DXAC0001	Direct Expansion AC Unit, Rm 22E - Disconnect at unit
4650-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4650-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4650-DXAC0003	Direct Expansion AC Unit - Disconnect at unit
4650-DXAC0003	Direct Expansion AC Unit - Disconnect at unit
4650-DXAC0004	Direct Expansion AC Unit, Rm Rm 126/Rm E2 - Disconnect room E2 - Disconnect room E2
4650-DXAC0004	Direct Expansion AC Unit, Rm Rm 126/Rm E2 - Disconnect room E2 - Disconnect room E2
4650-DXAC0005	Direct Expansion Pkg Unit, Roof Over Rm 18
4650-EAF0001	Paint Exhaust Hood, Rm 22 - Disconnect north wall
4650-FAC0001	Surface Grinder, Rm 19, East End - DISCONNECT ON WEST SIDE OF MAC
4650-FAC0002	Radial Arm Drill Press, Rm 19, East End - Disconnect on machine
4650-FAC0003	Horizontal Milling Machine, Rm 19, East End - DISCONNECT ON N. SIDE OF MACHI
4650-FAC0004	Horizontal Milling Machine, Rm 19, East End - DISCONNECT ON EAST SIDE OF MAC
4650-FAC0005	Cold Saw, Rm 19, East End - Disconnect at CORD AND PLUG
4650-FAC0007	Lathe, Rm 19, East End - DISCONNECT ON S. SIDE OF MACHI
4650-FAC0054	Metal Brake Machine, Rm 19, East End - DISCONNECT ON MACHINE
4650-FAC0055	Metal Brake Machine, Rm 19, East End - DISCONNECT ON MACHINE
4650-FAC0056	Metal Brake Machine, Rm 19, East End - DISCONNECT ON MACHINE
4650-FAC0071	Bending Press, Rm 19, East End
4650-FAC0073	Bending Press, Rm 19, East End
4650-FAC0074	Brake Press, Rm 19, East End
4650-FAC0077	Hand Bending Press, Rm 19, East End
4650-FAC0078	Hand Bending Press, Rm 19, East End
4650-FAC0084	Disc Sander, Rm 19, West End - DISCONNECT IN PANEL ON N. WAL

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-FAS0001	Fire Alarm System, East Entrance
4650-HP0002	Heat Pump, South Outside - Serves Paint Shop - Disconnect at unit
4650-HST0001	Hoist 2-Ton Lifting Tugger, Gilmore Area, Rm 104
4650-HUM0001	Humidifier, Rm 133 Ladies Rm., West Wall - Disconnect at unit
4650-HUM0002	Humidifier, Rm 120, East Wall - Disconnect at unit
4650-HUM0003	Humidifier, Rm 133 Ladies Rm., North Wall - Disconnect at unit
4650-HUM0004	Humidifier, Rm 120, West Wall - Disconnect at unit
4650-HUM0005	Humidifier, Rm 133 Ladies Rm., East Wall - Disconnect at unit
4650-HUM0006	Humidifier, Rm 127 - Disconnect at unit
4650-HUM0007	Humidifier, Rm 116, West Wall - Disconnect at unit
4650-HUM0008	Humidifier, Rm 116, West Wall - Disconnect at unit
4650-HUM0009	Humidifier, Rm 111, Mens Rm, West Wall - Disconnect at unit
4650-HUM0010	Humidifier, Rm 109, Janitor Closet - Disconnect at unit
4650-HUM0011	Humidifier, Hallway East of Rm 101 - Disconnect at unit
4650-HUM0012	Humidifier, Above Rm 100B
4650-HV0001	Heating Vent Unit, Over NE Mens Rm, Rm 27
4650-HV0002	Heating Vent Unit, North High Bay West End, Rm 29
4650-HV0003	Heating Vent Unit, North High Bay West End, Rm 29
4650-HV0004	Heating Vent Unit, Over Door, North High Bay, Rm 29
4650-HV0005	HV Unit, Over East Roll-up Door, Center High Bay, Rm 21 - Disconnect at door
4650-HV0006	HV Unit, Over West Roll-up Door, Center High Bay, Rm 21 - Disconnect at door
4650-HV0007	Heating Vent Unit, North Side, North High Bay, Rm 29
4650-HV0008	Heating Vent Unit, Rm 19N/Rm E03
4650-HV0009	Heating Vent Unit, Rm 19N/Rm E03
4650-HV0010	Heating Vent Unit, High Bay, Center, Rm 21
4650-HV0011	Heating Vent Unit, East End, Over HVAC Shop, Rm 25
4650-HV0012	Heating Vent Unit, High Bay, Center, Rm 21
4650-HV0013	Heating Vent Unit, High Bay, Center, Rm 21
4650-HV0014	Heating Vent Unit, North High Bay, East End, Rm 29
4650-HV0015	Heating Vent Unit, North High Bay, East End, Rm 29
4650-HV0016	Heating Vent Unit, High Bay, Center, Rm 21
4650-HV0017	Heating Vent Unit, North High Bay, Center, Rm 29
4650-HV0018	Heating Vent Unit, North High Bay, West End, Rm 29
4650-HV0019	Heating Vent Unit, Over Supply Room, East End
4650-HV0020	Heating Vent Unit, Over Supply Room, East End
4650-HV0021	Heating Vent Unit, NW Corner
4650-HWP0001	Hot Water Pump, Rm 126 - Disconnect room E2
4650-HWP0002	Hot Water Pump, Rm 126 - Disconnect room E2
4650-HWP0003	Pump Hot Water Circulating, Rm 135
4650-ICE0001	Ice Machine, Outside Rm 27 - Disconnect at machine
4650INV	Bldg 4650, Substore
4650-LC0001	Lighting Contactor, Force Flow Rm 104, N.Wall
4650-LC0002	Lighting Contactor, Millwright'S Shop
4650-LC0003	Lighting Contactor, S. High Bay, S. Wall
4650-LC0004	Lighting Contactor, N. High Bay, N. Wall
4650-LC0005	Lighting Contactor, N. High Bay, N. Wall
4650-LC0006	Lighting Contactor, N. High Bay, N. Wall
4650-LTS0001	Emergency Lighting - S.E. Entrance, Exit Sign
4650-LTS0002	Emergency Lighting - Hall by Rm 202
4650-LTS0003	Emergency Lighting - Rm 206
4650-LTS0004	Emergency Lighting - S. wall Near Rm 15
4650-LTS0005	Emergency Lighting - Southwest Exit
4650-LTS0006	Emergency Lighting - Rm 26

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-LTS0007	Emergency Lighting - N.E. Mens Rm by HVAC
4650-LTS0008	Emergency Lighting - N.W. Exit, North High Bay, Rm 29
4650-LTS0009	Emergency Lighting - Main Entrance, Office East Wall
4650-LTS0010	Emergency Lighting - SE Entrance, Hall Exit Sign
4650-LTS0011	Emergency Lighting - Room 110
4650-LTS0012	Emergency Lighting - Exit Sign, Rear Door by 139A
4650-LTS0013	Emergency Lighting - Room 104, North Wall
4650-LTS0014	Emergency Lighting - Room 104, Basement
4650-LTS0015	Emergency Lighting - SW Hall Exit Sign
4650-LTS0016	Emergency Lighting - Exit Sign, Top of Stairs
4650-LTS0017	Emergency Lighting - Valve Shop, North Wall
4650-LTS0018	Emergency Lighting - North High Bay, S. Wall Col. B-6
4650-LTS0019	Emergency Lighting - North High Bay, S. Wall Col. B-14
4650-LTS0020	Emergency Lighting - North High Bay, S. Wall Col. B-18
4650-LTS0021	Emergency Lighting - North High Bay, N. Wall Col. B-34
4650-LTS0022	Emergency Lighting - Hall at Room 119H, E-03
4650-LTS0023	Emergency Lighting - Upstairs Sign Office
4650-LTS0024	Emergency Lighting - Paint Room South Wall
4650-MCC0001	Motor Control Center, Room 19N, E-03
4650-MCC0002	Motor Control Center, Center High Bay, North Wall
4650-MTS0001	Manual Transfer Switch, Room 115, E-05
4650-ODT0001	Oxygen Detection System, Rm 105
4650-ODT0002	Oxygen Detection System, Hallway outside Rm. 105
4650-ODT0003	Oxygen Detection System, Rm 104
4650-ODT0004	Oxygen Detection System, Rm 122
4650-PCHLR0001	Portable Chiller - 350 Ton (water) - Disconnect on unit
4650-PCHLR0002	Portable Chiller - 275 Ton (water) - Disconnect on unit
4650-PCHLR0003	Chiller Portable,
4650-PCHLR0004	Portable Chiller - 130 Ton (air cooled) - Disconnect on unit
4650-PGEN0001	Portable Generator
4650-PGEN0002	Portable Generator
4650-PGEN0003	Portable Generator
4650-PGEN0004	Portable Generator - REMOVED PER K. PRIMM 3/1/06
4650-PGEN0005	Portable Generator - REMOVED PER K. PRIMM 3/1/06
4650-PGEN0006	Portable Generator
4650-PGEN0007	Portable Generator
4650-PGEN0008	Portable Generator
4650-PGEN0010	Portable Generator - REMOVED PER K. PRIMM 3/1/06
4650-PGEN0011	Portable Generator
4650-PGEN0012	Portable Generator
4650-PGEN0013	Portable Generator
4650-PGEN0014	Portable Generator, Used to be 4312-GEN0001
4650-PNL0001	Panel Board, Room 100D, E-07
4650-PNL0002	Panel Board, Room 115, E-05
4650-PNL0003	Panel Board, Room 115, E-05
4650-PNL0004	Panel Board, Room 113, E-06
4650-PNL0005	Panel Board, Room 113, E-06
4650-PNL0006	Panel Board, Hall at Room 104A
4650-PNL0007	Panel Board, Room 131
4650-PNL0008	Panel Board, Room 131
4650-PNL0009	Panel Board, Hall at Room 139
4650-PNL0010	Panel Board, Hall at Room 139
4650-PNL0011	Panel Board, Room 139A, E-08

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-PNL0012	Panel Board, Room 139A, E-08
4650-PNL0013	Panel Board, Room 139A, E-08
4650-PNL0014	Panel Board, Room 139A, E-08
4650-PNL0015	Panel Board, Room 139A, E-08
4650-PNL0016	Panel Board, Room 137
4650-PNL0017	Panel Board, Room 137
4650-PNL0018	Panel Board, Room 124
4650-PNL0019	Panel Board, Room 124
4650-PNL0020	Panel Board, Room 122
4650-PNL0021	Panel Board, Room 122
4650-PNL0022	Panel Board, Room 118
4650-PNL0023	Panel Board, Room 118
4650-PNL0024	Panel Board, Room 104, East Wall
4650-PNL0025	Panel Board, Room 104, East Wall
4650-PNL0026	Panel Board, Room 104
4650-PNL0027	Panel Board, Room 104, North Wall
4650-PNL0028	Panel Board, Room 104, South Wall
4650-PNL0029	Panel Board, Room 104, South Wall
4650-PNL0030	Panel Board, Room 104, North Wall
4650-PNL0031	Panel Board, Room 10
4650-PNL0032	Panel Board, Room 10
4650-PNL0033	Panel Board, South High Bay, North Wall
4650-PNL0034	Panel Board, South High Bay, North Wall
4650-PNL0035	Panel Board, South High Bay, North Wall
4650-PNL0036	Panel Board, South High Bay, North Wall
4650-PNL0037	Panel Board, South High Bay, North Wall
4650-PNL0038	Panel Board, South High Bay, North Wall
4650-PNL0039	Panel Board, South High Bay, North Wall
4650-PNL0040	Panel Board, South High Bay, North Wall
4650-PNL0041	Panel Board, South High Bay, South Wall
4650-PNL0042	Panel Board, South High Bay, South Wall
4650-PNL0043	Panel Board, South High Bay, South Wall
4650-PNL0044	Panel Board, South High Bay, South Wall
4650-PNL0045	Panel Board, Room E-03
4650-PNL0046	Panel Board, Room E-03, North Wall
4650-PNL0047	Panel Board, South High Bay, South Wall
4650-PNL0048	Panel Board, PM Room, South Wall
4650-PNL0049	Panel Board, North High Bay, East Wall
4650-PNL0050	Panel Board, North High Bay, South Wall
4650-PNL0051	Panel Board, North High Bay, South Wall
4650-PNL0052	Panel Board, North High Bay, North Wall
4650-PNL0053	Panel Board, North High Bay, North Wall
4650-PNL0054	Panel Board, North High Bay, North Wall
4650-PNL0055	Panel Board, North High Bay, North Wall
4650-PNL0056	Panel Board, North High Bay, North Wall
4650-PNL0057	Panel Board, North High Bay, Room 251
4650-PNL0058	Panel Board, North High Bay, North Wall
4650-PNL0059	Panel Board, North High Bay, North Wall
4650-PNL0060	Panel Board, North High Bay, North Wall
4650-PNL0061	Panel Board, North High Bay, North Wall
4650-PNL0062	Panel Board, North High Bay, Valve Shop
4650-PNL0063	Panel Board, North High Bay, Valve Shop
4650-PNL0064	Panel Board, Millwright's Shop

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-PNL0065	Panel Board, Millwright's Shop
4650-PNL0066	Panel Board, Millwright's Shop
4650-PNL0067	Panel Board, Millwright's Shop
4650-PNL0068	Panel Board, Room 19M
4650-PNL0069	Panel Board, Room 19M
4650-PNL0070	Panel Board, Room 19M
4650-PNL0071	Panel Board, Room 208
4650-ROOF0001	Roof, North West End, Bldg 4650
4650-ROOF0002	Roof, North Middle West End, Bldg 4650
4650-ROOF0003	Roof, South Middle West End, Bldg 4650
4650-ROOF0004	Roof, South West End, Bldg 4650
4650-ROOF0005	Roof, South West End, Bldg 4650
4650-ROOF0006	Roof, North East End, Bldg 4650
4650-ROOF0007	Roof, North Middle East End, Bldg 4650
4650-ROOF0008	Roof, South Middle East End, Bldg 4650
4650-ROOF0009	Roof, South East End, Bldg 4650
4650-ROOF0010	Roof, South East End, Bldg 4650
4650-ROOF0011	Roof, South East End, Bldg 4650
4650-SHEW0001	Safety Shower & Eyewash, Rm 120A E. Wall Lab Hood
4650-SPMP001	Sump Pump, Rm 102A - Disconnect at pump
4650-SPR0001	Sprinkler System, Rm Rm 126/Rm E2
4650-SS0001	Safety Switch, N. High Bay, E. Wall
4650-SS0002	Safety Switch, N. High Bay, S. Wall
4650-SS0003	Safety Switch, N. High Bay, S. Wall
4650-SS0004	Safety Switch, N. High Bay, S. Wall
4650-SS0005	Safety Switch, S. High Bay, N. Wall
4650-SS0006	Safety Switch, S. High Bay, N. Wall
4650-SS0007	Safety Switch, S. High Bay, N. Wall
4650-SS0008	Safety Switch, S. High Bay, N. Wall
4650-SS0009	Safety Switch, S. High Bay, N. Wall
4650-SS0010	Safety Switch, S. High Bay, N. Wall
4650-SS0011	Safety Switch, S. High Bay, N. Wall
4650-SS0012	Safety Switch, S. High Bay, N. Wall
4650-SS0013	Safety Switch, S. High Bay, N. Wall
4650-SS0014	Safety Switch, S. High Bay, N. Wall
4650-SS0015	Safety Switch, S. High Bay, N. Wall
4650-SS0016	Safety Switch, S. High Bay, N. Wall
4650-SS0017	Safety Switch, S. High Bay, N. Wall
4650-SS0018	Safety Switch, S. High Bay, N. Wall
4650-SS0019	Safety Switch, S. High Bay, N. Wall
4650-SS0020	Safety Switch, S. High Bay, N. Wall
4650-SS0021	Safety Switch, S. High Bay, N. Wall
4650-SS0022	Safety Switch, S. High Bay, N. Wall
4650-SS0023	Safety Switch, S. High Bay, W. Wall
4650-SS0024	Safety Switch, S. High Bay, W. Wall
4650-SS0025	Safety Switch, N. High Bay, Rm 25, E. Wall
4650-SS0026	Safety Switch, Roof, N. High Bay
4650-SS0027	Safety Switch, S. High Bay, E. Wall
4650-SS0028	Safety Switch, S. High Bay, E. Wall
4650-SS0029	Safety Switch, S. High Bay, At Rm 16
4650-SS0030	Safety Switch, S. High Bay, Ctr. Equpt.
4650-SS0031	Safety Switch, S. High Bay, Ctr. Equpt.
4650-SS0032	Safety Switch, S. High Bay, Ctr. Equpt.

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-SS0033	Safety Switch, Room E-03
4650-SS0034	Safety Switch, Room E-03
4650-SS0035	Safety Switch, S. High Bay, By Col. A-23
4650-SS0036	Safety Switch, Room 19M
4650-SS0037	Safety Switch, Pm Room
4650-SS0038	Safety Switch, Paint Shop
4650-SS0039	Safety Switch, Paint Shop
4650-SS0040	Safety Switch, Motor Repair Shop
4650-SS0041	Safety Switch, Motor Repair Shop
4650-SS0042	Safety Switch, N. High Bay, S. Wall
4650-SS0043	Safety Switch, N. High Bay, S. Wall
4650-SS0044	Safety Switch, N. High Bay, S. Wall
4650-SS0045	Safety Switch, N. High Bay, S. Wall
4650-SS0046	Safety Switch, N. High Bay, S. Wall
4650-SS0047	Safety Switch, N. High Bay, S. Wall
4650-SS0048	Safety Switch, N. High Bay, E. Wall
4650-SS0049	Safety Switch, N. High Bay, E. Wall
4650-SS0050	Safety Switch, N. High Bay, E. Wall
4650-SS0051	Safety Switch, N. High Bay, N. Wall
4650-SS0052	Safety Switch, N. High Bay, N. Wall
4650-SS0053	Safety Switch, N. High Bay, Rm 25, E. Wall
4650-SS0054	Safety Switch, N. High Bay, E. Wall
4650-SS0055	Safety Switch, N. Low Bay
4650-SS0056	Safety Switch, N. Low Bay
4650-SS0057	Safety Switch, Roof, N. High Bay
4650-SS0060	Safety Switch, N. Low Bay, N. Wall
4650-SS0061	Safety Switch, Millwright'S Shop
4650-SS0062	Safety Switch, Millwright'S Shop, Brk. Rm.
4650-SS0063	Safety Switch, N. High Bay, N. Wall
4650-SS0064	Safety Switch, N. High Bay, N. Wall
4650-SS0065	Safety Switch, N. High Bay, N. Wall
4650-SS0066	Safety Switch, N. High Bay, N. Wall
4650-SS0067	Safety Switch, N. High Bay, N. Wall
4650-SS0068	Safety Switch, N. High Bay, N. Wall
4650-SS0069	Safety Switch, N. High Bay, N. Wall
4650-SS0070	Safety Switch, N. High Bay, N. Wall
4650-SS0071	Safety Switch, N. High Bay, N. Wall
4650-SS0072	Safety Switch, N. High Bay, N. Wall
4650-SS0073	Safety Switch, Roof, N. High Bay
4650-SS0074	Safety Switch, N. High Bay, Rm 25, S. Wall
4650-SS0075	Safety Switch, N. High Bay, Rm 25, W. Wall
4650-SS0076	Safety Switch, N. Low Bay, Hall At Mens Bath
4650-SS0077	Safety Switch, N. Low Bay, Hall At Mens Bath
4650-SS0078	Safety Switch, N. Low Bay, At Ice Mach.
4650-SS0079	Safety Switch, N. Low Bay, At Ice Mach.
4650-SS0080	Safety Switch, N. Low Bay, N. Wall
4650-SS0081	Safety Switch, Valve Shop, N. Wall
4650-SS0082	Safety Switch, Valve Shop, N. Wall
4650-SS0083	Safety Switch, Outside E-02, W. Wall
4650-SS0084	Safety Switch, Valve Shop, Ctr. Equpt.
4650-SS0091	Safety Switch, Parking Lot Median
4650-SS0091A	Safety Switch, Parking Lot Median
4650-SS0091B	Safety Switch, Parking Lot Median

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-SS0091C	Safety Switch, Parking Lot Median
4650-SS0091D	Safety Switch, Parking Lot Median
4650-SS0091E	Safety Switch, Parking Lot Median
4650-SS0092	Safety Switch, Outside, W. Wall
4650-SS0093	Safety Switch, Outside S. Bldg., N. Wall
4650-SS0094	Safety Switch, Outside S. Bldg., N. Wall
4650-SS0095	Safety Switch, Outside, E. Yard
4650-SS0095A	Safety Switch, Outside, E. Yard
4650-SS0095B	Safety Switch, Outside, E. Yard
4650-SS0096	Safety Switch, N. Outside, Millwright'S Area
4650-SS0097	Safety Switch, N. Outside, At Millwright'S Area
4650-SS0098	Safety Switch, N. Outside, Under Shed
4650-SS0099	Safety Switch, N. Outside, Under Shed
4650-SS0100	Safety Switch, N. Outside, Under Shed
4650-SS0101	Safety Switch, N. Outside, Under Shed
4650-SS0102	Safety Switch, Roof, S. High Bay
4650-SS0103	Safety Switch, Outside, West
4650-SS0104	Safety Switch, Outside, West
4650-SS0105	Safety Switch, Outside, Southwest
4650-SS0106	Safety Switch, Roof, S. High Bay
4650-SS0107	Safety Switch, Roof, S. High Bay
4650-SS0108	Safety Switch, Roof, S. High Bay
4650-SS0114	Safety Switch, Room 126, E-02
4650-SS0115	Safety Switch, Room 126, E-02
4650-SS0116	Safety Switch, Room 126, E-02
4650-SS0117	Safety Switch, Room 126, E-02
4650-SS0118	Safety Switch, Room 142
4650-SS0119	Safety Switch, Room 142
4650-SS0120	Safety Switch, Room E-07, Upstairs
4650-SS0121	Safety Switch, Room 142
4650-SS0122	Safety Switch, Force Flow, Rm 104, N. Wall
4650-SS0123	Safety Switch, Force Flow, Rm 104, E. Wall
4650-SS0124	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0125	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0126	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0127	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0128	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0129	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0130	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0131	Safety Switch, Force Flow, Rm 104, S. Wall
4650-SS0132	Safety Switch, Force Flow, Rm 104, W. Wall
4650-SS0133	Safety Switch, Force Flow, Rm 104, N. Wall
4650-SS0134	Safety Switch, Mezzanine Above Rm 20
4650-SS0135	Safety Switch, E. Hall To S. High Bay
4650-SS0136	Safety Switch, E. Hall To S. High Bay
4650-SSS0001	Starter Safety Switch, Room 11, Outside
4650-SSS0002	Starter Safety Switch, 124A, W Wall
4650-SSS0003	Starter Safety Switch, Room 126, E-02
4650-SSS0004	Starter Safety Switch, Room 126, E-02
4650-SSS0005	Starter Safety Switch, Room 126, E-02
4650-SSS0006	Starter Safety Switch, Room E-07, Upstairs
4650-SSS0007	Starter Safety Switch, Room 117, E-01
4650-SSS0008	Starter Safety Switch, Room 117, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-SSS0009	Starter Safety Switch, Force Flow, Rm 104, W. Wall
4650-SSS0010	Starter Safety Switch, Hall At Rm 119M
4650-STRT0001	Starter, S. High Bay, N. Wall
4650-STRT0002	Starter, S. High Bay, N. Wall
4650-STRT0003	Starter, S. High Bay, N. Wall
4650-STRT0004	Starter, S. High Bay, N. Wall
4650-STRT0005	Starter, S. High Bay, N. Wall
4650-STRT0006	Starter, N. High Bay, S. Wall
4650-STRT0008	Starter, N. Low Bay, At Ice Mach.
4650-STRT0009	Starter, N. Low Bay, At Ice Mach.
4650-STRT0010	Starter, N. Low Bay, At Ice Mach.
4650-STRT0011	Starter, Room E-03
4650-STRT0012	Starter, Valve Shop, N. Wall
4650-STRT0013	Starter, Paint Shop, W. Wall
4650-STRT0014	Starter, Paint Shop, W. Wall
4650-STRT0015	Starter, Paint Shop, W. Wall
4650-STRT0016	Starter, N. High Bay, S. Wall
4650-STRT0017	Starter, N. High Bay, S. Wall
4650-STRT0018	Starter, N. High Bay, S. Wall, Welding
4650-STRT0019	Starter, N. High Bay, S. Wall, Welding
4650-STRT0020	Starter, N. Low Bay, N. Wall
4650-STRT0021	Starter, N. Low Bay, N. Wall
4650-STRT0022	Starter, N. Low Bay, N. Wall
4650-STRT0023	Starter, N. Low Bay, N. Wall
4650-STRT0024	Starter, N. Low Bay, N. Wall
4650-STRT0025	Starter, N. High Bay, N. Wall
4650-STRT0026	Starter, N. High Bay, N. Wall
4650-STRT0027	Starter, N. High Bay, N. Wall
4650-STRT0028	Starter, N. High Bay, N. Wall
4650-STRT0029	Starter, N. Low Bay, Hall At Mens Bath
4650-STRT0030	Starter, Force Flow Rm 104, W. Wall
4650-STRT0034	Starter, Room 126, E-02
4650-STRT0035	Starter, Room 126, E-02
4650-STRT0036	Starter, Room 142
4650-STRT0037	Starter, Room 142
4650-STRT0038	Starter, Room E-7
4650-STRT0039	Starter, Mezzanine Above Rm 220
4650-STRT0040	Starter, Millwright'S Shop, N. Wall
4650-STRT0041	Starter, N. Outside, Under Shed
4650-STRT0042	Starter, N. Outside, Under Shed
4650-STRT0043	Starter, N. Outside, Under Shed
4650-STRT0044	Starter, N. Outside, Under Shed
4650-STRT0045	Starter, Millwright'S Shop, N. Wall
4650-SWBD0001	Switch Board, Room 139A, E-08
4650-SWBD0002	Switch Board, Room 19N, E-03
4650-SWBD0003	Switch Board, South High Bay, South Wall
4650-TMR0001	Timer, N. High Bay, N. Wall
4650-TMR0003	Timer, N. Low Bay, Hall At Mens Bath
4650-TMR0004	Timer, Room 115
4650-TMR0005	Timer, Room E-03, N. Wall
4650-TMR0006	Timer, Room E-02
4650-UH0001	Unit Heater Steam, E-2
4650-UH0002	Unit Heater Steam, Rm 142

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4650-UH0003	Unit Heater Steam, E-1
4650-UH0004	Unit Heater Electric, Rm 142
4650-UPS0001	UPS System, Rm 115/Rm E05
4650-VSC0001	Variable Speed Controller, Rm 126/Rm E02 Assoc. w/ CHWP-1
4650-VSC0001	Variable Speed Controller, Rm 126/Rm E02 Assoc. w/ CHWP-1
4650-VSC0002	Variable Speed Controller, Room 126, E-02
4650-XFMR0001	Transformer, Room 100D, E-07
4650-XFMR0002	Transformer, Room 115, E-05
4650-XFMR0003	Transformer, Room 139A, E-08
4650-XFMR0004	Transformer, Room 104, East Wall
4650-XFMR0005	Transformer, South High Bay, North Wall
4650-XFMR0006	Transformer, South High Bay, North Wall
4650-XFMR0007	Transformer, South High Bay, South Wall
4650-XFMR0008	Transformer, South High Bay, South Wall
4650-XFMR0009	Transformer, South High Bay, South Wall
4650-XFMR0010	Transformer, Room 19N, E-03
4650-XFMR0011	Transformer, South High Bay, South Wall
4650-XFMR0012	Transformer, South High Bay, East Wall
4650-XFMR0013	Transformer, South High Bay, South Wall
4650-XFMR0014	Transformer, South High Bay, North Wall
4650-XFMR0015	Transformer, South High Bay, North Wall
4650-XFMR0016	Transformer, South High Bay, North Wall
4650-XFMR0017	Transformer, South High Bay, North Wall
4653-ACMP0001	Air Compressor Control, Rm 25/Rm E01 - Disconnect room E1
4653-ACMP0002	Air Compressor Control, Rm 8/Rm E02 - Disconnect room E2
4653-ACMP0003	Air Compressor Control, Rm 8/Rm E02 - Disconnect room E2
4653-ADRY0001	Air Dryer, Rm 8/Rm E02 - Disconnect room E2
4653-ADRY0002	Air Dryer, Rm 25/Rm E01 - Disconnect room E1
4653-AH0001	Air Handling Unit, Rm 25/Rm E01 - Disconnect room E1
4653-AH0002	Air Handling Unit, Rm 8/Rm E02 - Disconnect room E2
4653-AH0003	Air Handling Unit, Rm 8/Rm E02 - Disconnect room E2
4653-AH003A	Air Handling Unit, Rm 27 Overhead - Disconnect on unit
4653-ATS0001	Auto Transfer Switch, Rm 24 - REMOVED
4653-ATS0002	Auto Transfer Switch, Pbax Room 28
4653-BFP0001	Back Flow Preventer - Hot/Chilled Water, Rm 25/Rm E01
4653-BFP0002	Back Flow Preventer - Chilled Water, Rm 25/Rm E01
4653-CBP0001	Circuit Breaker Panel, Room 25, E-01
4653-CBX0001	Control Box, Pbax Room 24
4653-CHLR0001	Water Chiller, North Side
4653-CHWP0001	Chill Water Pump, Outside Rm 25/Rm E01 - Disconnect room E1
4653-CHWP0002	Chill Water Pump, Outside Rm 25/Rm E01 - Disconnect room E1
4653-CNDP0001	Condensate Pump, Rm 25/Rm E01 - Disconnect room E1
4653-CNDP0002	Condensate Pump, Rm 8/Rm E02 - Disconnect in room E2
4653-COIL001A	Chilled Water Coil, AH0001, Rm 25/E-1
4653-COIL001B	Hot Water/Steam Coil, AH0001, Rm 25/E-1
4653-COIL002A	Chilled Water Coil, AH0002, Rm 8/E-2
4653-COIL002B	Hot Water/Steam Coil, AH0002, Rm 8/E-2
4653-COIL003A	Chilled Water Coil, AH0003, Rm 8/E-2
4653-COIL003B	Hot Water/Steam Coil, AH0003, Rm 8/E-2
4653-COIL03AA	Chilled Water Coil, AH003A, Rm 27
4653-COIL03BB	Hot Water/Steam Coil, AH003A, Rm 27
4653-CONT0001	Contact, Room 4
4653-DOOR0001	Roll-Up Door, South Side, West - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4653-DOOR0002	Roll-Up Door, South Side, East - Disconnect at door
4653-DXAC0001	Direct Expansion AC Unit - Disconnect at unit - Disconnect at unit
4653-DXAC0001	Direct Expansion AC Unit - Disconnect at unit - Disconnect at unit
4653-DXAC0001	Direct Expansion AC Unit - Disconnect at unit - Disconnect at unit
4653-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4653-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4653-EW0001	Safety Eyewash, Rm 31 West High Bay
4653-FAS0001	Fire Alarm System, Rm 8/Rm E02
4653-FID0001	Field Interface Device, Rm 24
4653-GEN0001	Emergency Generator, South Outside
4653-HST0001	1/2-Ton Cable Hoist, Rm 3 - Disconnect at SOUTH WALL
4653-HST0002	5-Ton Cable Hoist, Rm 31 - Disconnect at SOUTH EAST WALL
4653-HST0003	3-Ton Electric Hoist, Rm 1 - Disconnect at WEST WALL
4653-HWHD0001	Hot Water Heater - Domestic, Rm 8/Rm E02 - Disconnect room E2
4653-HWHD0002	Hot Water Heater - Domestic, Rm 25/Rm E01 - Disconnect room E1
4653-HWP0001	Hot Water Pump, Rm 25/Rm E01 - Disconnect room E1
4653-HWP0002	Hot Water Pump, Rm 8/Rm E02
4653-HWP0003	Hot Water Pump, Rm 8/Rm E02 - Disconnect room E2
4653-LTS0001	Emergency Lighting - E. Hallway Near Rm 12
4653-LTS0002	Emergency Lighting - Rm 4
4653-LTS0003	Emergency Lighting - Rm 19
4653-LTS0004	Emergency Lighting - W. hallway near Rm 22
4653-LTS0005	Emergency Lighting - Rm 24, PABX
4653-LTS0006	Emergency Lighting - SW Machine Shop
4653-LTS0007	Emergency Lighting - W. Hallway near Rm 29
4653-LTS0008	Emergency Lighting - Rm 26A
4653-LTS0009	Emergency Lighting - Rm 26
4653-MCC0001	Motor Control Center, Rm 8/Rm E02
4653-ODT0001	Oxygen Detection System, Rm 4
4653-PNL0001	Panel Board, Rm 1
4653-PNL0002	Panel Board, Rm 1
4653-PNL0003	Panel Board, Rm 1
4653-PNL0004	Panel Board, Rm 1
4653-PNL0005	Panel Board, Rm 25/Rm E01
4653-PNL0006	Panel Board, Rm 25/Rm E01
4653-PNL0007	Panel Board, Rm 25/Rm E01
4653-PNL0008	Panel Board, Rm 25/Rm E01
4653-PNL0009	Panel Board, Rm 25/Rm E01
4653-PNL0010	Panel Board, Rm 24
4653-PNL0011	Panel Board, Hallway Outside Rm 26
4653-PNL0012	Panel Board, Rm 26
4653-PNL0013	Panel Board, Rm 26
4653-PNL0014	Panel Board, Rm 26
4653-PNL0015	Panel Board, Rm 27
4653-PNL0016	Panel Board, Rm 30A
4653-PNL0017	Panel Board, Rm 28
4653-PNL0018	Panel Board, Rm 4
4653-PNL0019	Panel Board, Rm 4
4653-PNL0020	Panel Board, Rm 7
4653-PNL0021	Panel Board, Rm 31
4653-PNL0022	Panel Board, Rm 31
4653-PNL0023	Panel Board, Rm E03
4653-ROOF0001	Roof, Main, Bldg 4653

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4653-ROOF0002	Roof, Northeast, Bldg 4653
4653-ROOF0003	Roof, Center, Bldg 4653
4653-ROOF0004	Roof, Southwest, Bldg 4653
4653-ROOF0005	Roof, Southeast, Bldg 4653
4653-SHEW0001	Safety Shower and Eyewash, Rm 4
4653-SHEW0002	Safety Shower and Eyewash, Rm 4
4653-SS0001	Safety Switch, Room 1
4653-SS0002	Safety Switch, Room 1
4653-SS0003	Safety Switch, Room 1
4653-SS0004	Safety Switch, Room 2
4653-SS0005	Safety Switch, Room 2
4653-SS0006	Safety Switch, Room 3
4653-SS0007	Safety Switch, Room 5
4653-SS0008	Safety Switch, Room 5
4653-SS0009	Safety Switch, Room 6
4653-SS0010	Safety Switch, Room 27C
4653-SS0011	Safety Switch, Room 8, E-02
4653-SS0012	Safety Switch, Room 8, E-02
4653-SS0013	Safety Switch, Room 8, E-02
4653-SS0014	Safety Switch, Room 8, E-02
4653-SS0015	Safety Switch, Room 8, E-02
4653-SS0016	Safety Switch, Room 25, E-01
4653-SS0017	Safety Switch, Room 25, E-01
4653-SS0018	Safety Switch, Room 25, E-01
4653-SS0019	Safety Switch, Outside, N. Yard
4653-SS0020	Safety Switch, Outside, N. Yard
4653-SS0021	Safety Switch, Outside, N. Yard
4653-SS0022	Safety Switch, Outside, N. Yard
4653-SS0023	Safety Switch, Outside, N. Yard
4653-SS0024	Safety Switch, Room 31
4653-SS0025	Safety Switch, Room 31
4653-SS0026	Safety Switch, Room 31
4653-SS0027	Safety Switch, Room 31
4653-SS0028	Safety Switch, Room 31
4653-SS0029	Safety Switch, Room 32
4653-SS0030	Safety Switch, Room 32
4653-SS0031	Safety Switch, Room 24, Pabx
4653-SS0033	Safety Switch, Room 24, Pabx
4653-SSS0001	Starter Safety Switch, Outside, N. Yard
4653-SSS0002	Starter Safety Switch, Outside, N. Yard
4653-STRT0001	Starter, Room 4
4653-STRT0002	Starter, Room 2
4653-STRT0003	Starter, Room 3
4653-STRT0004	Starter, Room 8, E-02
4653-STRT0005	Starter, Room 8, E-02
4653-STRT0006	Starter, Room 8, E-02
4653-STRT0007	Starter, Room 8, E-02
4653-STRT0008	Starter, Room 25, E-01
4653-STRT0009	Starter, Room 25, E-01
4653-STRT0010	Starter, Room 25, E-01
4653-STRT0011	Starter, Room 25, E-01
4653-STRT0012	Starter, Room 25, E-01
4653-STRT0013	Starter, Room 25, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4653-STRT0014	Starter, Room 31
4653-STRT0015	Starter, Room 31
4653-SWBD0001	Switch Board, Rm 8/Rm E02
4653-TMR0001	Timer, Room 8, E-02
4653-TMR0002	Timer, Room 8, E-02
4653-TMR0003	Timer, Room 25, E-01
4653-UH0001	Unit Heater Steam, E-2
4653-UH0002	Unit Heater Steam, Rm 4
4653-UH0003	Unit Heater Steam, Rm 4
4653-XFMR0001	Transformer, Rm 25/Rm E01
4653-XFMR0002	Transformer, Rm 8/Rm E02
4653-XFMR0003	Transformer, Rm 27
4653-XFMR0004	Transformer, Room 25, E-01
4654-CBX0001	Control Box, E-01
4654-DXAC0001	Direct Expansion AC Unit, Rm 116 - Disconnect at unit
4654-DXAC0001	Direct Expansion AC Unit, Rm 116 - Disconnect at unit
4654-FAS0001	Fire Alarm System, Rm 107A
4654-HWHD0001	Hot Water Heater - Domestic, Rm 114 - Disconnect at heater
4654-LTS0001	Emergency Lighting - Hall by Rm 112
4654-LTS0002	Emergency Lighting - Over main entrance
4654-LTS0003	Emergency Lighting - Exit by 129W entrance
4654-LTS0004	Emergency Lighting - Rm 127 W. wall
4654-PNL0001	Panel Board, Rm 116
4654-PNL0002	Panel Board, Hallway, West
4654-PNL0003	Panel Board, Rm 130
4654-PNL0004	Panel Board, Hallway, West
4654-PNL0005	Panel Board, Rm 116
4654-ROOF0001	Roof, Main, Bldg 4654
4654-SS0001	Safety Switch, E-01
4654-SS0002	Safety Switch, E-01
4654-SS0003	Safety Switch, Outside East
4654-SS0004	Safety Switch, E-01
4654-SS0005	Safety Switch, E-01
4654-SS0006	Safety Switch, E-01
4654-SS0007	Safety Switch, E-01
4654-SS0008	Safety Switch, 107A
4654-TMR0001	Timer, E-01
4654-XFMR0001	Transformer, Rm 116
4654-XFMR0002	Transformer, Rm 116
4654-XFMR0003	Transformer, Hallway, West
4655-ACMP0001	Air Compressor Control, Rm 111 - Disconnect in room 111
4655-CBS0001	Circuit Breaker Starter, Room 119
4655-CBS0002	Circuit Breaker Starter, High Bay, N. Wall
4655-CBS0003	Circuit Breaker Starter, High Bay, E. Wall
4655-CBS0004	Circuit Breaker Starter, High Bay, E. Wall
4655-CBS0005	Circuit Breaker Starter, High Bay, E. Wall
4655-CBS0006	Circuit Breaker Starter, High Bay, E. Wall
4655-CNDP0001	Condensate Pump, Rm 111 - Disconnect at pump
4655-CNDP0002	Condensate Pump, Rm 111 - Disconnect at pump
4655-CNDP0003	Condensate Pump, Rm 111 - Disconnect at pump
4655-CNDP0004	Condensate Pump, E. Side Of High Bay
4655-CONT0001	Contactor, Room 111, E-01
4655-CONT0002	Contactor, Room 111, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4655-CONT0003	Contactora, Bldg. 4655-1
4655-CONT0004	Contactora, Bldg. 4655-1
4655-CONT0005	Contactora, Bldg. 4655-1
4655-CRN0001	1-Ton Bridge Crane, Rm 119 - Disconnect at WEST WALL
4655-CRN0002	25-Ton Bridge Crane, High Bay, Rm 100 - Disconnect at SOUTH WEST WALL
4655-DOOR0001	Roll-Up Door, Rm 100, North Side - Disconnect at door
4655-DOOR0002	Roll-Up Door, Rm 100, South Side - Disconnect at door
4655-DXAC0001	Direct Expansion AC Unit, Rm 111, E1
4655-DXAC0002	Direct Expansion AC Unit - Rm 100/ N.E. Corner - Disconnect at unit
4655-DXAC0002	Direct Expansion AC Unit - Rm 100/ N.E. Corner - Disconnect at unit
4655-DXAC0003	Direct Expansion AC Unit - Overhead Rm. 117
4655-DXAC0003	Direct Expansion AC Unit - Overhead Rm. 117
4655-EAF0001	Exhaust Blower Fan, Rm 100, South Side - Disconnect at fan motor
4655-FAS0001	Fire Alarm System, High Bay, North Entrance, Rm 100
4655-HP0002	Heat Pump, E1 / 111 - Disconnect room E1 - Disconnect room E1
4655-HP0002	Heat Pump, E1 / 111 - Disconnect room E1 - Disconnect room E1
4655-HTR0001	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0001	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0003	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0004	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0005	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0006	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0007	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0008	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0009	Heater Unit, High Bay, Rm 100 - Disconnect at unit
4655-HTR0010	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0011	Heater Unit, High Bay Rm 100 - Disconnect at unit
4655-HTR0012	Unit Heater Steam, High Bay
4655-HTR0013	Unit Heater Steam, Rm 119
4655-HTR0014	Unit Heater Steam, Rm 119
4655-HWHD0001	Hot Water Heater - Domestic, In Closet - Disconnect at heater
4655-LROD0001	Lightning Protection System, Roof
4655-LTS0001	Emergency Lighting - High Bay, NW wall, Rm 100
4655-LTS0002	Emergency Lighting - High Bay, SW wall, Rm 100
4655-LTS0003	Emergency Lighting - High Bay, SE wall, Rm 100
4655-LTS0004	Emergency Lighting - High Bay, NE wall, Rm 100
4655-LTS0005	Emergency Lighting - Rm E-2 W. Side
4655-LTS0006	Emergency Light, Room 119
4655-LTS0007	Emergency Light, High Bay, Se. Wall
4655-ODT0001	Oxygen Detection System, Rm 100
4655-PNL0001	Panel Board, Rm 111
4655-PNL0002	Panel Board, Rm 111
4655-PNL0003	Panel Board, High Bay, SW End, Rm 100
4655-PNL0004	Panel Board, High Bay, NW End, Rm 100
4655-PNL0005	Panel Board, Rm 5A
4655-PNL0006	Panel Board, High Bay East
4655-PNL0007	Panel Board, High Bay East
4655-PNL0008	Panel Board, High Bay, At Swbd
4655-PNL0009	Panel Board, High Bay, At Swbd
4655-PNL0010	Panel Board, High Bay, E. Wall
4655-PNL0011	Panel Board, Bldg. 4655-1
4655-ROOF0001	Roof, Main, Bldg 4655
4655-ROOF0002	Roof, West, Bldg 4655

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4655-SS0001	Safety Switch, Room 111, E-01
4655-SS0002	Safety Switch, Room 111, E-01
4655-SS0003	Safety Switch, Room 115
4655-SS0004	Safety Switch, Room 119
4655-SS0005	Safety Switch, Room 119
4655-SS0006	Safety Switch, Room 119
4655-SS0007	Safety Switch, Room 119
4655-SS0008	Safety Switch, Room 119
4655-SS0009	Safety Switch, Room 119
4655-SS0010	Safety Switch, Room 119, Attic Area
4655-SS0011	Safety Switch, High Bay, E. Wall
4655-SS0012	Safety Switch, High Bay, E. Wall
4655-SS0013	Safety Switch, High Bay, E. Wall
4655-SS0014	Safety Switch, High Bay, At Swbd
4655-SS0015	Safety Switch, High Bay, E. Wall
4655-SS0016	Safety Switch, High Bay, E. Wall
4655-SS0017	Safety Switch, High Bay, E. Wall
4655-SS0018	Safety Switch, High Bay, E. Wall
4655-SS0019	Safety Switch, High Bay, E. Wall
4655-SS0020	Safety Switch, High Bay, S. Wall
4655-SS0021	Safety Switch, High Bay, S. Entrance
4655-SS0022	Safety Switch, High Bay, Mezzanine
4655-SS0023	Safety Switch, Outside, West
4655-SS0024	Safety Switch, Bldg. 4655-1
4655-SS0025	Safety Switch, Outside, North
4655-SS0026	Safety Switch, Outside, West
4655-SSS0001	Starter Safety Switch, High Bay, N. Wall
4655-SSS0002	Starter Safety Switch, High Bay, S. Wall
4655-STRT0001	Starter, Room 111, E-01
4655-SWBD0001	Switch Board, High Bay, E. Wall
4655-SWBD0002	Switch Board, High Bay, E. Wall
4655-SWBD0003	Switch Board, High Bay, E. Wall
4655-XFMR0001	Transformer, Bldg. 4655-1
4656-ACMP0001	Air Compressor Control, Rm 106A/Rm E01 - Disconnect room E1
4656-ADRY0001	Air Dryer, Rm 106A/Rm E01 - Disconnect room E1
4656-AH0001	Air Handling Unit, Rm 118/Rm E02 - Disconnect room E2
4656-BATB0001	Battery Bank, Room 114
4656-BFP0001	Back Flow Preventer - Hot/Chilled Water, Rm 118/Rm E02
4656-CBP0001	Circuit Breaker Panel, High Bay, E. Wall
4656-CBP0002	Circuit Breaker Panel, Room 106
4656-CBP0003	Circuit Breaker Panel, Room 106
4656-CBP0004	Circuit Breaker Panel, Room 106
4656-CBP0005	Circuit Breaker Panel, Room 106
4656-CBP0006	Circuit Breaker Panel, Room 106
4656-CBP0007	Circuit Breaker Panel, Room 106
4656-CHLR0001	Air-Cooled Chiller, SW Corner, Outside - Disconnet SW side
4656-CHLR0001	Air-Cooled Chiller, SW Corner, Outside - Disconnet SW side
4656-CHWP0001	Chill Water Pump, Rm 118/Rm E02 - Disconnect room E2
4656-CHWP0002	Chill Water Pump, Rm 118/Rm E02 - Disconnect room E2
4656-CNDP0001	Condensate Pump, High Bay, Rm 100 - Disconnect at pump
4656-CNDP0002	Condensate Pump, NW Corner, 2nd Floor - Disconnect at pump
4656-CNDP0003	Condensate Pump, Rm 118/Rm E02 - Disconnect in room E2
4656-COIL001A	Chilled Water Coil, AH0001, Rm 118/E-2

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4656-COIL001B	Hot Water/Steam Coil, AH0001, Rm 118/E-2
4656-CONT0001	Contactors, High Bay, E. Wall
4656-CRN0001	30-Ton Bridge Crane, High Bay, North End, Rm 100 - Disconnect at EAST WALL CENTER
4656-CRN0002	30-Ton Bridge Crane, High Bay, South End, Rm 100 - Disconnect at EAST WALL CENTER
4656-DOOR0001	Sliding Door, North Side
4656-DOOR0002	Sliding Door, South Side
4656-DXAC0001	Direct Expansion AC Unit, Rm 106A/Rm E01 - Disconnect in room E1
4656-DXAC0001	Direct Expansion AC Unit, Rm 106A/Rm E01 - Disconnect in room E1
4656-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4656-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4656-DXAC0003	Direct Expansion AC Unit
4656-DXAC0003	Direct Expansion AC Unit
4656-DXAC0004	Direct Expansion AC Unit, South Inside - Disconnect at unit
4656-EAF0001	Exhaust Fan, Room 114
4656-FAS0001	Fire Alarm System, East Entrance
4656-FID0001	Field Interface Device, Rm 106A/Rm E01
4656-HST0001	1/2-Ton Electric Hoist, Rm 106 - Disconnect at WEST WALL
4656-HV0001	Heating Vent Unit, High Bay, East Side, Rm 100
4656-HV0002	Heating Vent Unit, High Bay, East Side, Rm 100
4656-HV0003	Heating Vent Unit, High Bay, West Side, Rm 100
4656-HV0004	Heating Vent Unit, High Bay, West Side, Rm 100
4656-HV0005	Heating Vent Unit, High Bay, SW Corner, Rm 100
4656-HV0006	Heating Vent Unit, High Bay, East Side, Rm 100
4656-HWHD0001	Hot Water Heater - Domestic, Rm 106A/Rm E01 - Disconnect room E1
4656-HWHD0002	Hot Water Heater - Domestic, Rm 118/Rm E02 - Disconnect room E2
4656-LTS0001	Emergency Lighting - High Bay, N. Exit, Rm 100
4656-LTS0002	Emergency Lighting - High Bay, near Rm 107, Rm 100
4656-LTS0003	Emergency Lighting - High Bay, South exit, Rm 100
4656-LTS0004	Emergency Lighting - Exit by Rm 118
4656-LTS0005	Emergency Lighting - Stairs Near Rm 212
4656-LTS0006	Emergency Lighting - Hall by Rm 215
4656-LTS0007	Emergency Lighting - Stairs near Rm 202
4656-LTS0008	Emergency Light, Stairs N.W.
4656-MCC0001	Motor Control Center, Rm 106A/E01
4656-MCC0002	Motor Control Center, Rm 106
4656-MCC0003	Motor Control Center, Rm 106
4656-MCC0004	Motor Control Center, Room 106
4656-MTS0001	Manual Transfer Switch, Room 114
4656-MTS0002	Manual Transfer Switch, Room 114
4656-MTS0003	Manual Transfer Switch, Room 114
4656-MTS0004	Manual Transfer Switch, Room 114
4656-MTS0005	Manual Transfer Switch, Room 114
4656-ODT0001	Oxygen Detection System, High Bay, South Side, Rm 100
4656-ODT0003	Oxygen Detection System, Rm 113
4656-PNL0001	Panel Board, Rm 106A/E01
4656-PNL0002	Panel Board, Rm 106A/E01
4656-PNL0003	Panel Board, Rm 118/E02
4656-PNL0004	Panel Board, Rm 118/E02
4656-PNL0005	Panel Board, Rm 118/E02
4656-PNL0006	Panel Board, High Bay, East Side, Rm 100
4656-PNL0007	Panel Board, High Bay, East Side, Rm 100
4656-PNL0008	Panel Board, High Bay, East Side, Rm 100
4656-PNL0009	Panel Board, High Bay, East Side, Rm 100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4656-PNL0010	Panel Board, High Bay, East Side, Rm 100
4656-PNL0011	Panel Board, Rm 106
4656-PNL0012	Panel Board, Rm 106
4656-PNL0013	Panel Board, Rm 101B
4656-PNL0014	Panel Board, Rm 101B
4656-PNL0015	Panel Board, Rm 102
4656-PNL0016	Panel Board, High Bay, East Side, Rm 100
4656-PNL0017	Panel Board, Rm 211
4656-PNL0018	Panel Board, Rm 211
4656-PNL0019	Panel Board, Room 114
4656-PNL0020	Panel Board, Room 114
4656-PNL0021	Panel Board, Outside, Gn2 Farm
4656-ROOF0001	Roof, Main, Bldg 4656
4656-ROOF0002	Roof, Center, Bldg 4656
4656-ROOF0003	Roof, East, Bldg 4656
4656-SS0001	Safety Switch, High Bay, N. Wall
4656-SS0002	Safety Switch, High Bay, E. Wall
4656-SS0003	Safety Switch, High Bay, E. Wall
4656-SS0004	Safety Switch, High Bay, E. Wall
4656-SS0005	Safety Switch, High Bay, E. Wall
4656-SS0006	Safety Switch, High Bay, W. Wall
4656-SS0007	Safety Switch, Ahu, Ne High Bay
4656-SS0008	Safety Switch, High Bay, Center
4656-SS0009	Safety Switch, High Bay, Center
4656-SS0010	Safety Switch, High Bay, Center
4656-SS0011	Safety Switch, High Bay, Center
4656-SS0012	Safety Switch, High Bay, Center
4656-SS0013	Safety Switch, High Bay, Center
4656-SS0014	Safety Switch, High Bay, Center
4656-SS0015	Safety Switch, High Bay, Center
4656-SS0016	Safety Switch, High Bay, Center
4656-SS0017	Safety Switch, High Bay, Center
4656-SS0018	Safety Switch, High Bay, Center
4656-SS0019	Safety Switch, High Bay, Center
4656-SS0020	Safety Switch, High Bay, Center
4656-SS0021	Safety Switch, High Bay, Center
4656-SS0022	Safety Switch, Ahu, Se High Bay
4656-SS0023	Safety Switch, Ahu, Sw High Bay
4656-SS0024	Safety Switch, Ahu, W High Bay
4656-SS0025	Safety Switch, Ahu, Nw High Bay
4656-SS0026	Safety Switch, Room 102
4656-SS0027	Safety Switch, Room 104
4656-SS0028	Safety Switch, Room 106
4656-SS0029	Safety Switch, Room 106
4656-SS0030	Safety Switch, Room 106
4656-SS0036	Safety Switch, Room 114
4656-SS0037	Safety Switch, Room 114
4656-SS0038	Safety Switch, Room 111
4656-SS0039	Safety Switch, Room 111
4656-SS0040	Safety Switch, Room 109
4656-SS0041	Safety Switch, W. Outside
4656-SS0042	Safety Switch, Outside, Gn2 System
4656-SS0043	Safety Switch, S. Outside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4656-SS0044	Safety Switch, E. Outside
4656-SS0045	Safety Switch, Room E-01
4656-SSS0001	Starter Safety Switch, Room 106
4656-SSS0002	Starter Safety Switch, Room 106
4656-SSS0003	Starter Safety Switch, Room 106
4656-STRT0001	Starter, High Bay, W. Wall
4656-STRT0002	Starter, Room 106
4656-STRT0003	Starter, Room 106
4656-STRT0004	Starter, Room 106
4656-STRT0005	Starter, Room E-02
4656-STRT0006	Starter, Room E-02
4656-SWBD0001	Switch Board, Rm 106
4656-UH0001	Unit Heater Steam, E-2
4656-UH0002	Unit Heater Steam, E-1
4656-XFMR0001	Transformer, Rm 106A/E01
4656-XFMR0002	Transformer, Rm 118
4656-XFMR0003	Transformer, Rm 106
4656-XFMR0004	Transformer, Rm 101B
4656-XFMR0005	Transformer, Rm 102
4656-XFMR0006	Transformer, High Bay, East Wall
4656-XFMR0007	Transformer, High Bay, East Wall
4656-XFMR0008	Transformer, Room 114
4657-CBP0001	Circuit Breaker Panel, North Wall
4657-CBP0002	Circuit Breaker Panel, East Wall
4657-CBP0003	Circuit Breaker Panel, East Wall
4657-CBS0001	Circuit Breaker Starter, East Wall
4657-PNL0001	Panel Board, North Wall
4657-PNL0002	Panel Board, East Wall
4657-PNL0003	Panel Board, South Wall
4657-ROOF0001	Roof, Main, Bldg 4657
4657-ROOF0002	Roof, South, Bldg 4657
4657-SHEW0001	Safety Shower and Eyewash, NW Corner, Tower
4657-SHEW0002	Safety Shower and Eyewash, SE Corner, Tower
4657-SS0001	Safety Switch, North Wall
4657-STRT0001	Starter, Main Building
4657-XFMR0001	Transformer, West Wall
4657-XFMR0002	Transformer, North Wall
4658-ATS0001	Auto Transfer Switch
4658-LTS0001	Emergency Lighting - W. Wall
4658-MCC0001	Motor Control Center
4658-PNL0001	Panel Board
4658-ROOF0001	Roof, Main, Bldg 4658
4658-XFMR0001	Transformer
4659-ACMP0001	Air Compressor Control, Rm 15/Rm E01 - Disconnect room E1
4659-ACMP0002	Air Compressor Cntrl, E-01, West End, Outside, Rm 15
4659-ADRY0001	Air Dryer, Rm 15/Rm E01 - Disconnect room E1
4659-ADRY0002	Air Dryer, E-01, West End, Outside, Rm 15
4659-CBS0001	Circuit Breaker Starter, S. Outside, Under Shed
4659-CNDP0001	Condensate Pump, West Side - Disconnect at pump
4659-CONT0001	Contactor, S. Outside, Under Shed
4659-CRN0001	3-Ton Bridge Crane, North High Bay, East End, Rm 14 - Disconnect at NORTH WEST WALL
4659-CRN0002	3-Ton Bridge Crane, South Side, Outside - Disconnect at WEST WALL
4659-DOOR0001	Roll-Up Door, North Side, Rm 14 - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4659-DOOR0002	Roll-Up Door, South Side, Rm 14 - Disconnect at door
4659-DXAC0001	Direct Expansion AC Unit, Rm 15, Bldg 4659 - Disconnect at unit
4659-DXAC0001	Direct Expansion AC Unit, Rm 15, Bldg 4659 - Disconnect at unit
4659-FAS0001	Fire Alarm System, Hallway Outside Rm 5
4659-FID0001	Field Interface Device, Rm E01
4659-ICE0001	Ice MacHine, Room 14
4659-LTS0001	Emergency Lighting - Rm 15/Rm E01
4659-LTS0002	Emergency Lighting - N. Hallway
4659-LTS0003	Emergency Lighting - W. wall, Rm 9
4659-LTS0004	Emergency Lighting - South side pumping area
4659-LTS0005	Emergency Lighting - South side pumping area
4659-MCC0001	Motor Control Center, South Side
4659-MCC0002	Motor Control Center, South Outside, Under Shed
4659-MCC0003	Motor Control Center, South Outside, Under Shed
4659-ODT0001	Oxygen Detection System, Hallway Outside Rm 11
4659-ODT0002	Oxygen Detection System, Rm 8
4659-ODT0003	Oxygen Detection System, Rm 10
4659-PMP0001	PP&C LN2 Cryogenic Pump, Module 1 South Outside - Disconnect at pump
4659-PMP0002	PP&C LN2 Cryogenic Pump, Module 1 South Outside - Disconnect at pump
4659-PMP0003	PP&C LN2 Cryogenic Pump, Module 1 South Outside - Disconnect at pump
4659-PMP0004	PP&C LN2 Cryogenic Pump, Module 2 South Outside - Disconnect at pump
4659-PMP0005	PP&C LN2 Cryogenic Pump, Module 2 South Outside - Disconnect at pump
4659-PMP0006	PP&C LN2 Cryogenic Pump, Module 2 South Outside - Disconnect at pump
4659-PMP0007	PP&C LN2 Circulating Pump, Module 2 South Outside - Disconnect at pump
4659-PMP0008	PP&C LN2 Cryogenic Pump, Module 3 South Outside - Disconnect at pump
4659-PMP0009	PP&C LN2 Cryogenic Pump, Module 3 South Outside - Disconnect at pump
4659-PMP0010	PP&C LN2 Cryogenic Pump, Module 3 South Outside - Disconnect at pump
4659-PMP0011	PP&C LN2 Circulating Pump, Module 3 South Outside - Disconnect at pump
4659-PMP0012	PP&C LN2 Cryogenic Pump, Module 4 South Outside - Disconnect at pump
4659-PMP0013	PP&C LN2 Cryogenic Pump, Module 4 South Outside
4659-PMP0014	PP&C LN2 Cryogenic Pump, Module 4 South Outside
4659-PMP0015	PP&C LN2 Circulating Pump, Module 4 South Outside
4659-PMP0016	PP&C LN2 Transfer Pump, South Outside
4659-PMP0017	PP&C LN2 Transfer Pump, South Outside
4659-PMP0018	PP&C LN2 Transfer Pump, South Outside
4659-PNL0001	Panel Board, Rm 15/Rm E01
4659-PNL0002	Panel Board, Rm 15/Rm E01
4659-PNL0003	Panel Board, Rm 15/Rm E01
4659-PNL0004	Panel Board, Hallway Outside Rm 5
4659-PNL0005	Panel Board, Rm 10
4659-PNL0006	Panel Board, Rm 10
4659-PNL0007	Panel Board, Rm 10
4659-PNL0008	Panel Board, South Outside West End
4659-PNL0009	Panel Board, South Outside
4659-ROOF0001	Roof, Main, Bldg 4659
4659-ROOF0002	Roof, East, Bldg 4659
4659-ROOF0003	Roof, North, Bldg 4659
4659-SHEW0001	Safety Shower and Eyewash, South Pumping Area
4659-SHEW0002	Safety Shower and Eyewash, Center Pumping Area
4659-SHEW0003	Safety Shower and Eyewash, West Pumping Area
4659-SS0001	Safety Switch, Room 14, High Bay
4659-SS0002	Safety Switch, Room 14, High Bay
4659-SS0003	Safety Switch, Room 14, High Bay

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4659-SS0004	Safety Switch, S. Outside, Under Shed
4659-SS0005	Safety Switch, S. Outside, Under Shed
4659-SS0006	Safety Switch, W. Outside, E-01
4659-SSS0001	Starter Safety Switch, Room 14, High Bay
4659-STRT0001	Starter, S. Outside, Under Shed
4659-SWBD0001	Switch Board, Rm 15/Rm E01
4659-UH0001	Unit Heater, Room 14
4659-UH0002	Unit Heater, Room 14
4659-UH0003	Unit Heater, Equipment Room E-01, Room 15
4659-XFMR0001	Transformer, Rm 15/Rm E01
4660-ACMP0001	Air Compressor Controller, NE Corner - Disconnect at compressor
4660-BLR0001	Steam Boiler, Shop Area - Disconnect at boiler
4660-BLR0002	Steam Boiler, Rm 100 - Disconnect at boiler
4660-BLR0003	Steam Boiler, Shop Area - Disconnect at boiler
4660-CBS0001	Circuit Breaker Starter, Boiler Room
4660-CBS0002	Circuit Breaker Starter, Boiler Room
4660-DOOR0001	Roll-Up Door, East Side - Disconnect at door
4660-EW0001	Safety Eyewash, SW Inside
4660-FAC0001	Pipe Threader Machine, NE Corner
4660-FAC0002	Water Blast, Boiler Room
4660-FWP0001	Feed Water Pump, Boiler Room - Disconnect at electrical panel
4660-FWP0002	Feed Water Pump, North Side - Disconnect at electrical panel
4660-FWP0003	Feed Water Pump, Boiler Room - Disconnect at electrical panel
4660-HTR0001	De-Aerating Feed Water Tank W/Heater, North Side
4660-HWHD0001	Hot Water Heater - Domestic - Disconnect at heater
4660-LTS0001	Emergency Lighting - North East Corner
4660-PBLR0001	Steam Boiler, 4660 Yard - Disconnect at boiler
4660-PBLR0002	Steam Boiler, 4660 Yard - Disconnect at boiler - Unit EXCESSED
4660-PBLR0003	Steam Boiler, M-1 Yard - Disconnect at boiler
4660-PBLR0004	Steam Boiler, 4660 Yard - Disconnect at boiler
4660-PMP0001	Fuel Pump, North of Boilers - Disconnect at panel
4660-PNL0001	Panel Board, Boiler Room
4660-PNL0002	Panel Board, Boiler Room
4660-PNL0003	Panel Board, Boiler Room
4660-ROOF0001	Roof, Main, Bldg 4660
4660-SHEW0001	Safety Shower & Eyewash, West Side
4660-SP0001	4660 Area Steam Pit - Bld. 4660
4660-SP0002	4660 Area Steam Pit - North West of 4656 in field
4660-SP0003	4660 Area Steam Pit - North West of 4656 in field
4660-SP0004	4660 Area Steam Pit - West of 4656
4660-SP0005	4660 Area Steam Pit - East of 4653
4660-SP0006	4660 Area Steam Pit - North of 4653 (West Pit)
4660-SP0007	4660 Area Steam Pit - North of 4653 (East Pit)
4660-SP0008	4660 Area Steam Pit - North East of 4653
4660-SP0009	4660 Area Steam Pit - East of 4655
4660-SP0010	4660 Area Steam Pit - South East of 4654
4660-SP0011	4660 Area Steam Pit - North East of 4654
4660-SP0012	4660 Area Steam Pit - North West of 4654
4660-SP0013	4660 Area Steam Pit - South East of 4629
4660-SP0014	4660 Area Steam Pit - West of 4657
4660-SS0001	Safety Switch, Boiler Room
4660-SS0002	Safety Switch, Boiler Room
4660-SS0003	Safety Switch, Boiler Room

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4660-SS0004	Safety Switch, Boiler Room
4660-SS0005	Safety Switch, Boiler Room
4660-SS0006	Safety Switch, Boiler Room, Blr3
4660-SS0007	Safety Switch, Boiler Room, Blr2
4660-SS0008	Safety Switch, Boiler Room, Blr1
4660-SS0009	Safety Switch, Boiler Room
4660-SS0010	Safety Switch, Wh, In Boiler Room
4660-SS0011	Safety Switch, N. Outside Ac
4660-SS0012	Safety Switch, N. Outside Pumps
4660-STRT0001	Starter, Boiler Room
4660-STRT0002	Starter, Boiler Room
4660-STRT0003	Starter, Boiler Room
4660-STRT0004	Starter, Boiler Room
4660-STRT0005	Starter, Boiler Room
4660-STRT0006	Starter, Boiler Room
4660-STRT0007	Starter, Boiler Room
4660-SUB0001	Substation, North Side
4660-TANK0001	Diesel Storage Tank
4660-WSFT0001	Water Softener
4660-WSFT0002	Water Softener, Manual
4660-WSFT0003	Water Softener, Portable
4660-WSFT0004	Water Softener, Portable
4660-WSFT0005	Water Softener, Portable
4660-WSFT0006	Water Softener, Portable
4660-WSFT0007	Water Softener, Portable
4660-XFMR0001	Transformer, Boiler Room
4661-ODT0001	Oxygen Detection System, SW Corner Rm 3
4661-PNL0001	Panel Board, Interior
4661-ROOF0001	Roof, Main, Bldg 4661
4661-SS0001	Safety Switch, Outside, North
4661-STRT0001	Starter, Scale Room
4661-STRT0002	Starter, Scale Room
4661-XFMR0001	Transformer, South Side
4663A-ACMP0001	Air Compressor Control, Rm A301/E-11 - Disconnect room
4663A-ADRY0001	Air Dryer, Rm A301/E11 - Disconnect at dryer
4663A-AH0001	Air Handling Unit, Rm A106/Rm E06 - Disconnect in room E6
4663A-AH0002	Air Handling Unit, Rm A204 - Disconnect on unit
4663A-AH0004	Air Handling Unit, Rm A184 - Disconnect on unit
4663A-AH0005	Air Handling Unit, Rm A124 Overhead - Disconnect on unit
4663A-AH0006	Air Handling Unit, Rm A15/E7 - Disconnect in room E7
4663A-AH0007	Air Handling Unit, Rm A162, E5 - Disconnect in room E5
4663A-AH0012	Air Handling Unit, Rm A301 - Disconnect on unit
4663A-AH002A	Air Handling Unit, Roof, M-Wing - Disconnect on unit
4663A-AH00B3	Air Handling Unit, E-07 A-Wing Basement West End
4663A-AH021A	Air Handling Unit, RM A301 - Disconnect on unit
4663A-AH021B	Air Handling Unit, Rm A301 - Disconnect on unit
4663A-AH022A	Air Handling Unit, Rm A301 - Disconnect on unit
4663A-AH022B	Air Handling Unit, Rm A301 - Disconnect on unit
4663A-AH023A	Air Handling Unit, Rm A200A/Rm E10 - Disconnect in room E10
4663A-AH023B	Air Handling Unit, Rm A200A/Rm E10 - Disconnect in room E10
4663A-AH0B3B	Air Handling Unit, Rm A15/E7 - Disconnect in room E7
4663A-ATS0001	Auto Transfer Switch, Outside A Wing
4663A-ATS0002	Auto Transfer Switch, Outside A Wing

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663A-ATS0003	Auto Transfer Switch, A Wing, W Outside - 6/5/00
4663AB-AH0001	Air Handling Unit, West AB Wing Crossover - Disconnect on unit
4663A-BATB0001	Battery Bank, Rm A162
4663AB-COIL001A	Chilled Water Coil, AB-AH0001, West AB Wing Crossover
4663AB-COIL001B	Hot Water/Steam Coil, AB-AH0001, West AB Wing Crossover
4663A-COIL001A	Chilled Water Coil, A-AH0001, Rm A106/E-6
4663A-COIL001B	Hot Water/Steam Coil, A-AH0001, Rm A106/E-6
4663A-COIL002A	Chilled Water Coil, A-AH0002, Rm A204
4663A-COIL002B	Hot Water/Steam Coil, A-AH0002, Rm A204
4663A-COIL004A	Chilled Water Coil, A-AH0004, Rm A184
4663A-COIL004B	Hot Water/Steam Coil, A-AH0004, Rm A184
4663A-COIL005A	Chilled Water Coil, A-AH0005, Rm A124
4663A-COIL005B	Hot Water/Steam Coil, A-AH0005, Rm A124
4663A-COIL006A	Chilled Water Coil, A-AH0006, Rm A15/E-7
4663A-COIL006B	Hot Water/Steam Coil, A-AH0006, Rm A15/E-7
4663A-COIL007A	Chilled Water Coil, A-AH0007, Rm A162/E-5
4663A-COIL007B	Hot Water/Steam Coil, A-AH0007, Rm A162/E-5
4663A-COIL012A	Chilled Water Coil, A-AH0012, Rm A301
4663A-COIL012B	Hot Water/Steam Coil, A-AH0012, Rm A301
4663A-COIL02AA	Chilled Water Coil, A-AH002A, Roof, M-Wing
4663A-COIL02AB	Hot Water/Steam Coil, A-AH002A, Roof, M-Wing
4663A-COIL0B3A	Chilled Water Coil, A-AH00B3, Rm E-7
4663A-COIL0B3B	Hot Water/Steam Coil, A-AH00B3, Rm E-7
4663A-COIL21AA	Chilled Water Coil, A-AH021A, Rm A301
4663A-COIL21AB	Hot Water/Steam Coil, A-AH021A, Rm A301
4663A-COIL21BA	Chilled Water Coil, A-AH021B, Rm A301
4663A-COIL21BB	Hot Water/Steam Coil, A-AH021B, Rm A301
4663A-COIL22AA	Chilled Water Coil, A-AH022A, Rm A301
4663A-COIL22AB	Hot Water/Steam Coil, A-AH022A, Rm A301
4663A-COIL22BA	Chilled Water Coil, A-AH022B, Rm A301
4663A-COIL22BB	Hot Water/Steam Coil, A-AH022B, Rm A301
4663A-COIL23AA	Chilled Water Coil, A-AH023A, Rm A200A/E-10
4663A-COIL23AB	Hot Water/Steam Coil, A-AH023A, Rm A200A/E-10
4663A-COIL23BA	Chilled Water Coil, A-AH023B, Rm A200A/E-10
4663A-COIL23BB	Hot Water/Steam Coil, A-AH023B, Rm A200A/E-10
4663A-COILB3BA	Chilled Water Coil, A-AH0B3B, Rm A15/E-7
4663A-COILB3BB	Hot Water/Steam Coil, A-AH0B3B, Rm A15/E-7
4663A-CRU0001	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0002	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0003	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0004	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0005	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0006	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0007	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0008	Computer Room Unit, Rm A109 - Disconnect at unit
4663A-CRU0009	Computer Room Unit, Rm A105 - Disconnect at unit
4663A-EAF0001	Exhaust Air Fan, E-5A/ A162A
4663A-ELEV0001	Hydraulic Elevator, Rm A15/E7 - Disconnect in room E7
4663A-FSS0001	Fire Suppression System, Snack Bar
4663A-HUM0001	Humidifier, Rm A106/Rm E06 - Disconnect in room E6
4663A-HWHD0001	Hot Water Heater - Domestic, Rm A106/Rm E06 - Disconnect in room E6
4663A-HWHD0002	Hot Water Heater - Domestic, Rm A15 - Disconnect at heater
4663A-HWHD0003	Hot Water Heater - Domestic, Snack Bar - Disconnect at heater

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663A-HWHD0004	Hot Water Heater - Domestic, Rm A168 - Disconnect at heater
4663A-HWHD0005	Hot Water Heater - Domestic, Rm A106/Rm E06 - Disconnect in room E6
4663A-KGRL0001	Grille, Snack Bar
4663A-KVHD0001	Vent Hood, Snack Bar
4663A-LTS0001	Emergency Lighting - Hall by Rm A200A
4663A-LTS0002	Emergency Lighting - Stairs by Rm A200A
4663A-LTS0003	Emergency Lighting - Hall over 201A
4663A-LTS0004	Emergency Lighting - Rm A201
4663A-LTS0005	Emergency Lighting - Rm A206
4663A-LTS0006	Emergency Lighting - Rm A210
4663A-LTS0007	Emergency Lighting - Rm A220
4663A-LTS0008	Emergency Lighting - Rm A223
4663A-LTS0009	Emergency Lighting - Rm A260
4663A-LTS0010	Emergency Lighting - Near Rm A281
4663A-LTS0011	Emergency Lighting - Rm A286
4663A-LTS0012	Emergency Lighting - Rm A300
4663A-LTS0013	Emergency Lighting - Hall by Rm A010
4663A-LTS0014	Emergency Lighting - Stairs up from Rm A010
4663A-LTS0015	Emergency Lighting - Hall by Rm A109
4663A-MCC0001	Motor Control Center, Rm A106/Rm E06
4663A-MCC0002	Motor Control Center, Rm A15
4663A-MCC0003	Motor Control Center, Rm A15
4663A-PNL0001	Panel Board, Rm A010
4663A-PNL0002	Panel Board, Rm A012
4663A-PNL0003	Panel Board, Rm A010
4663A-PNL0004	Panel Board, Rm A15
4663A-PNL0006	Panel Board, Rm A170/Rm E24
4663A-PNL0007	Panel Board, Rm A170/Rm E24
4663A-PNL0008	Panel Board, Rm A170/Rm E24
4663A-PNL0009	Panel Board, Rm A109
4663A-PNL0010	Panel Board, Rm A109
4663A-PNL0011	Panel Board, Rm A109
4663A-PNL0012	Panel Board, Rm A109
4663A-PNL0013	Panel Board, Rm A109
4663A-PNL0014	Panel Board, Rm A109
4663A-PNL0015	Panel Board, Rm A109
4663A-PNL0016	Panel Board, Rm A109
4663A-PNL0017	Panel Board, Rm A109
4663A-PNL0018	Panel Board, Rm A109
4663A-PNL0019	Panel Board, Rm A109
4663A-PNL0020	Panel Board, Rm A109
4663A-PNL0021	Panel Board, Rm A109
4663A-PNL0022	Panel Board, Rm A109
4663A-PNL0023	Panel Board, Rm A109
4663A-PNL0024	Panel Board, Rm A109
4663A-PNL0025	Panel Board, Rm A105
4663A-PNL0026	Panel Board, Rm A105
4663A-PNL0027	Panel Board, Rm A105
4663A-PNL0028	Panel Board, Rm A105
4663A-PNL0029	Panel Board, Rm A109
4663A-PNL0030	Panel Board, Rm A109
4663A-PNL0031	Panel Board, Rm A109
4663A-PNL0032	Panel Board, Rm A109

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663A-PNL0033	Panel Board, Rm A114A
4663A-PNL0034	Panel Board, Rm A114A
4663A-PNL0035	Panel Board, Rm A109
4663A-PNL0036	Panel Board, Rm A109
4663A-PNL0037	Panel Board, Rm A109
4663A-PNL0038	Panel Board, Rm A109
4663A-PNL0039	Panel Board, Rm A109
4663A-PNL0040	Panel Board, Rm A106/Rm E06
4663A-PNL0041	Panel Board, Rm A106/Rm E06
4663A-PNL0042	Panel Board, Rm A106/Rm E06
4663A-PNL0043	Panel Board, Rm A106/Rm E06
4663A-PNL0044	Panel Board, Rm A106/Rm E06
4663A-PNL0045	Panel Board, Rm A200A/E10
4663A-PNL0046	Panel Board, Rm A200A/E10
4663A-PNL0047	Panel Board, Rm A204/E09
4663A-PNL0048	Panel Board, Rm A204/E09
4663A-PNL0049	Panel Board, Rm A211
4663A-PNL0050	Panel Board, Rm A223
4663A-PNL0051	Panel Board, Rm A261
4663A-PNL0052	Panel Board, Rm A281
4663A-PNL0053	Panel Board, Rm A281
4663A-PNL0054	Panel Board, Rm A286
4663A-PNL0055	Panel Board, Rm A286
4663A-PNL0056	Panel Board, Rm A274
4663A-PNL0057	Panel Board, Rm A010
4663A-PNL0058	Panel Board, Rm A010
4663A-PNL0059	Panel Board, Rm A162A/E5A
4663A-PNL0060	Panel Board, Rm A301
4663A-PNL0061	Panel Board, Rm A301
4663A-PNL0062	Panel Board, Rm A176
4663A-PNL0063	Panel Board, Rm A176
4663A-PNL0064	Panel Board, Rm A124A
4663A-PNL0065	Panel Board, Rm A124A
4663A-PNL0066	Panel Board, Rm A114A
4663A-PNL0067	Panel Board, Rm A109
4663A-PNL0068	Panel Board, Rm A106/Rm E06
4663A-PNL0069	Panel Board, Rm A106/Rm E06
4663A-PNL0070	Panel Board, Rm A200A/E10
4663A-PNL0072	Panel Board, Rm A204/E09
4663A-PNL0073	Panel Board, Rm A274
4663A-PNL0074	Panel Board, Rm A162A/E5A
4663A-PNL0075	Panel Board, Rm A162/E05
4663A-PNL0076	Panel Board, Rm A204/E09
4663A-PNL0077	Panel Board, Rm A176
4663A-POLE0001	Flag Pole, Outside North A Wing
4663A-RAF0001	Return Air Fan, Rm A106/Rm E06 - Disconnect in room E6
4663A-RAF0002	Return Air Fan, Rm A204 - Disconnect in panel
4663A-SAF0008	Supply Air Fan, A Wing Roof SW Corner - Disconnect at fan unit
4663A-SHEW0001	Safety Shower & Eyewash, Rm A162
4663A-SPMP0002	Sump Pump, Outside, North, Center, Under Grate
4663A-SPMP001A	Sump Pump, Rm A15 - Disconnect at pump
4663A-SPMP001B	Sump Pump, Rm A15 - Disconnect at pump
4663A-SPR0001	Sprinkler System, Rm A184/Rm E4

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663A-SWBD0001	Switch Board, Rm A162
4663A-SWBD0002	Switch Board, Room A162A/E-05A
4663A-SWGR0001	Switch Gear, 1139 Yard
4663A-SWGR0002	Switch Gear, 1139 Yard
4663A-SWGR0003	Switch Gear, Rm A162, E-5, Cyberex Switch
4663-ATS0002	Auto Transfer Switch, C Wing
4663-ATS0003	Auto Transfer Switch, C Wing
4663A-UH0001	Unit Heater, E-6/ A106
4663A-UH0002	Unit Heater, E-4/ A184
4663A-UH0003	Unit Heater, E-9/ A204
4663A-UH0004	Unit Heater, E-11/ A301
4663A-UH0005	Unit Heater, E-11/ A301
4663A-UPC0002	Unit Power Center, 1139 Yard
4663A-UPS0001	UPS Power System, Rm A162/Rm E5
4663A-XFMR0001	Transformer, Rm A15
4663A-XFMR0002	Transformer, Rm A15
4663A-XFMR0003	Transformer, Rm A162
4663A-XFMR0004	Transformer, Rm A106/Rm E06
4663A-XFMR0005	Transformer, Rm A184
4663A-XFMR0006	Transformer, Rm A106/Rm E06
4663A-XFMR0007	Transformer, 1139 Yard
4663B-ACMP001A	Air Compressor Control, Rm B10 - Disconnect in room B10
4663B-ACMP001B	Air Compressor Control, Rm B10 - Disconnect in room B10
4663B-ACMP002A	Air Compressor Control, Rm B001/Rm E02 - Disconnect room E2
4663B-ACMP002A	Air Compressor Control, Rm B001/Rm E02 - Disconnect room E2
4663B-ACMP002B	Air Compressor Control, Rm B001/Rm E02 - Disconnect room E2
4663B-ADRY0001	Air Dryer, Rm B001/Rm E02 - Disconnect room E2
4663B-ADRY0002	Air Dryer, Rm B10 - Disconnect at dryer
4663B-AH0001	Air Handling Unit, Rm B170A/Rm E20 - Disconnect in room E20
4663B-AH0004	Air Handling Unit, Over Rm B10 A, Inside Rm B10 - Disconnect room E1
4663B-AH0007	Air Handling Unit, Rm B102 - Disconnect on unit
4663B-AH0008	Air Handling Unit, Entrance B Wing East Side - Disconnect on unit
4663B-AH0010	Air Handling Unit, Rm B201 Overhead - Disconnect on unit
4663B-AH0011	Air Handling Unit, Rm B202 Overhead - Disconnect on unit
4663B-AH0012	Air Handling Unit, Rm B203 - Disconnect on unit
4663B-AH0013	Air Handling Unit, B211 - Disconnect on unit
4663B-AH0014	Air Handling Unit, Rm B211 - Disconnect on unit
4663B-AH00B1	Air Handling Unit, Rm B001/Rm E02 - Disconnect room E2
4663B-AH00B3	Air Handling Unit, Rm A015, E7
4663B-ATS0003	Auto Transfer Switch, T-601 YARD, MCC-2
4663B-ATS0004	Auto Transfer Switch, T-601 YARD, (B-Wing UPS)
4663B-BATB0001	Battery Bank, Rm B10A
4663B-BATB0002	Battery Bank, Rm B109
4663B-BATB0003	Battery Bank, Rm B180/Rm E15
4663B-BATB0006	Battery Bank, Rm B160
4663B-BFP0001	Back Flow Preventer - Hot Water, Rm B10/E01
4663B-BFP0002	Back Flow Preventer - Chilled Water, Rm E2
4663B-BFP0003	Back Flow Preventer - Chilled Water, Rm B169A/Rm E03
4663BC-ATS0001	Auto Transfer Switch, Outside BC Wing
4663BC-ATS0002	Auto Transfer Switch, Outside Rm T-601
4663BC-ATS0003	Auto Transfer Switch, Outside Rm T-601
4663BC-ATS0004	Auto Transfer Switch, Outside Rm T-601
4663B-CHLR0001	Water Chiller, Rm B169A/Rm E03

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663B-CHLR0003	Water Chiller, Rm B169A/Rm E03
4663B-COIL001A	Chilled Water Coil, B-AH0001, Rm B170A/E-20
4663B-COIL001B	Hot Water/Steam Coil, B-AH0001, Rm B170A/E-20
4663B-COIL004A	Chilled Water Coil, B-AH0004, Over Rm B10A, Inside Rm B10
4663B-COIL004B	Hot Water/Steam Coil, B-AH0004, Over Rm B10A, Inside Rm B10
4663B-COIL007A	Chilled Water Coil, B-AH0007, Rm B102
4663B-COIL007B	Hot Water/Steam Coil, B-AH0007, Rm B102
4663B-COIL008A	Chilled Water Coil, B-AH0008, Entrance B Wing East Side
4663B-COIL008B	Hot Water/Steam Coil, B-AH0008, Entrance B Wing East Side
4663B-COIL010A	Chilled Water Coil, B-AH0010, Rm B201
4663B-COIL010B	Hot Water/Steam Coil, B-AH0010, Rm B201
4663B-COIL011A	Chilled Water Coil, B-AH0011, Rm B202
4663B-COIL011B	Hot Water/Steam Coil, B-AH0011, Rm B202
4663B-COIL012A	Chilled Water Coil, B-AH0012, Rm B203
4663B-COIL012B	Hot Water/Steam Coil, B-AH0012, Rm B203
4663B-COIL013A	Chilled Water Coil, B-AH0013, Rm B211
4663B-COIL013B	Hot Water/Steam Coil, B-AH0013, Rm B211
4663B-COIL014A	Chilled Water Coil, B-AH0014, Rm B211
4663B-COIL014B	Hot Water/Steam Coil, B-AH0014, Rm B211
4663B-COIL0B1A	Chilled Water Coil, B-AH00B1, Rm B1/E-2
4663B-COIL0B1B	Hot Water/Steam Coil, B-AH00B1, Rm B1/E-2
4663B-COIL0B3A	Chilled Water Coil, B-AH00B3, Rm A15/E-7
4663B-COIL0B3B	Hot Water/Steam Coil, B-AH00B3, Rm A15/E-7
4663B-CRU0001	Computer Room Unit, Rm B170 - Disconnect at unit
4663B-CRU0002	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0003	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0004	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0005	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0006	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0007	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0008	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0009	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0010	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0011	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0012	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0013	Computer Room Unit, Rm B109 - Disconnect at unit
4663B-CRU0014	Computer Room Unit, Rm B010A - Disconnect at unit
4663B-CRU0015	Computer Room Unit, Rm B180/Rm E15 - Disconnect in room E15
4663B-CRU0019	Computer Room Unit, Rm B011 - Disconnect at unit
4663B-CRU0022	Computer Room Unit, Rm B13A - Disconnect in room E43
4663B-CRU0023	Computer Room Unit, Rm B160 - Disconnect at unit
4663B-CRU0024	Computer Room Unit, Rm B103 Overhead B101 Door - Disconnect at unit
4663B-CRU0025	Computer Room Unit, Rm B107A Above Ceiling - Disconnect at unit
4663B-CRU00B4	Computer Room Unit, Rm B10 Inside B11 - Disconnect at unit
4663B-CRU00B5	Computer Room Unit, Rm B13 - Disconnect at unit
4663B-CRU00B6	Computer Room Unit, Rm B13 - Disconnect at unit
4663B-CRU00B7	Computer Room Unit, Rm B113B PABX - Disconnect at unit
4663B-CRU00B7	Computer Room Unit, Rm B113B PABX - Disconnect at unit
4663B-CTWR0001	Cooling Tower, B Wing NW End - Disconnect on NW side
4663B-CTWR0002	Cooling Tower, B Wing, NW End - Disconnect on NW side
4663B-CWP0001	Condenser Water Pump, B Wing, NW End - Disconnect at pump
4663B-CWP0002	Condenser Water Pump, B Wing, NW End - Disconnect at pump
4663B-CWP0003	Condenser Water Pump, B Wing, NW End - Disconnect at pump

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663B-DOOR0001	Roll-Up Door, Rm B169A/Rm E03 - Disconnect in room E3
4663B-DXAC0002	Direct Expansion AC Unit, Rm B180/Rm E15 - Disconnect in room E15
4663B-DXAC0003	Direct Expansion AC Unit, Roof B Wing - Disconnect at unit
4663B-DXAC0004	Direct Expansion Pkg Unit, Outside E-36/ B109
4663B-EAF0001	Exhaust Blower Fan, Rm B10 , N. WALL
4663B-ELEV0001	Elevator, B Wing - Disconnect at elevator
4663B-ELEV0002	Hydraulic Elevator, Rm B11 - Disconnect at elevator
4663B-EW0001	Safety Eyewash, Rm B180/Rm E15
4663B-FAS0001	Fire Alarm System, B Wing
4663B-HUM0001	Humidifier, E-20
4663B-HWHD0001	Hot Water Heater - Domestic, Rm B164 - Disconnect at heater
4663B-HWHD0002	Hot Water Heater - Domestic, Rm B10 - Disconnect at heater
4663B-HWHD0003	Hot Water Heater - Domestic, Rm B210 - Disconnect at heater
4663B-HWP0001	Hot Water Pump, Rm B10 - Disconnect at pump
4663B-HWP0002	Hot Water Pump, Rm B10 - Disconnect at pump
4663B-HWP0003	Hot Water Pump, Rm B10 - Disconnect at pump
4663B-LTS0001	Emergency Lighting - Rm B107 N.E.
4663B-LTS0002	Emergency Lighting - Rm B107 S.E. Wall
4663B-LTS0003	Emergency Lighting - Rm B107 N. wall
4663B-LTS0004	Emergency Lighting - Rm B107 N. wall
4663B-LTS0005	Emergency Lighting - Rm B107 S. wall
4663B-LTS0006	Emergency Lighting - Rm B107 S. wall center
4663B-LTS0007	Emergency Lighting - Rm B160D, N.W. Center
4663B-LTS0008	Emergency Lighting - Rm B107 N. wall
4663B-LTS0009	Emergency Lighting - Near B162 on Col. 14
4663B-LTS0010	Emergency Lighting - Rm Below Rm B110A - N. Wall
4663B-LTS0011	Emergency Lighting - Rm B170E
4663B-LTS0012	Emergency Lighting - Rm B100A W. Wall
4663B-LTS0013	Emergency Lighting - Rm B100 N. Wall
4663B-LTS0014	Emergency Lighting - Rm B204
4663B-LTS0015	Emergency Lighting - Rm B107
4663B-LTS0016	Emergency Lighting - Rm B107 S.W. CENTER
4663B-LTS0017	Emergency Lighting - Rm B208
4663B-LTS0018	Emergency Lighting - Rm B107
4663B-LTS0019	Emergency Lighting - Rm B107 W. end
4663B-LTS0020	Emergency Lighting - Rm B211
4663B-LTS0021	Emergency Lighting - Rm B 212
4663B-LTS0022	Emergency Lighting - Rm B 214
4663B-LTS0023	Emergency Lighting - Rm B 217
4663B-LTS0024	Emergency Lighting - Rm B 219
4663B-LTS0025	Emergency Lighting - Rm B 219
4663B-LTS0026	Emergency Lighting - Dry Cell - Rm B001/Rm E02
4663B-MCC0001	Motor Control Center, Rm B001/Rm E02
4663B-MCC0002	Motor Control Center, Rm B001/Rm E02
4663B-MCC0003	Motor Control Center, Rm B169A/Rm E03
4663B-MCC0004	Motor Control Center, Rm B10, N. WALL
4663B-MTS0001	Manual Transfer Switch, T-601 YARD, (EADS)
4663B-PDU0001	Power Distribution Unit, Room B160
4663B-PDU0002	Power Distribution Unit, Room B160
4663B-PDU0003	Power Distribution Unit, Room B107
4663B-PDU0004	Power Distribution Unit, Room B107
4663B-PDU0005	Power Distribution Unit, Room B160
4663B-PNL0001	Panel Board, Rm B298

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663B-PNL0002	Panel Board, Rm B298
4663B-PNL0003	Panel Board, Rm B001/Rm E02
4663B-PNL0004	Panel Board, Rm B160
4663B-PNL0005	Panel Board, Rm B160
4663B-PNL0006	Panel Board, Rm B160
4663B-PNL0007	Panel Board, Rm B160
4663B-PNL0008	Panel Board, Rm B161 South Wall
4663B-PNL0009	Panel Board, Rm B160 South Wall
4663B-PNL0010	Panel Board, Rm B107
4663B-PNL0011	Panel Board, Rm B107
4663B-PNL0012	Panel Board, Rm B107
4663B-PNL0013	Panel Board, Rm B107
4663B-PNL0014	Panel Board, Rm B107 South Wall
4663B-PNL0015	Panel Board, Rm B107A
4663B-PNL0016	Panel Board, Rm B107 South Wall
4663B-PNL0017	Panel Board, Rm B107 South Wall
4663B-PNL0018	Panel Board, Rm B107 South Wall
4663B-PNL0019	Panel Board, Rm B107 South Wall
4663B-PNL0020	Panel Board, Rm B10, N. WALL
4663B-PNL0021	Panel Board, Rm B10, N. WALL
4663B-PNL0022	Panel Board, Rm B10, North Wall
4663B-PNL0023	Panel Board, Rm B10, N. WALL
4663B-PNL0024	Panel Board, Rm B10
4663B-PNL0025	Panel Board, Rm B10
4663B-PNL0026	Panel Board, Rm B10
4663B-PNL0027	Panel Board, Rm B10
4663B-PNL0028	Panel Board, Rm B205
4663B-PNL0029	Panel Board, Rm B205
4663B-PNL0030	Panel Board, Rm B205
4663B-PNL0031	Panel Board, Rm B205
4663B-PNL0032	Panel Board, Rm B203
4663B-PNL0033	Panel Board, Rm B203
4663B-PNL0034	Panel Board, Rm B203
4663B-PNL0035	Panel Board, Rm B213/Rm E41
4663B-PNL0036	Panel Board, Rm B218
4663B-PNL0037	Panel Board, Rm B227
4663B-PNL0038	Panel Board, Rm B227
4663B-PNL0039	Panel Board, Rm B227
4663B-PNL0040	Panel Board, Rm B227
4663B-PNL0041	Panel Board, Rm B180
4663B-PNL0042	Panel Board, Basement Computer Room, Rm B10
4663B-PNL0043	Panel Board, Rm B180
4663B-PNL0044	Panel Board, Rm B001/Rm E02
4663B-PNL0045	Panel Board, Rm B107
4663B-PNL0046	Panel Board, Rm B107
4663B-PNL0047	Panel Board, Rm B160
4663B-PNL0048	Panel Board, Rm B107 North Wall
4663B-PNL0049	Panel Board, Rm B171 South Wall
4663B-PNL0050	Panel Board, Rm B170
4663B-PNL0051	Panel Board, Rm B170
4663B-PNL0052	Panel Board, Rm B170
4663B-PNL0053	Panel Board, Rm B170
4663B-PNL0054	Panel Board, Rm B170

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663B-PNL0055	Panel Board, Rm B170
4663B-PNL0056	Panel Board, Rm B160
4663B-PNL0057	Panel Board, Rm B160
4663B-PNL0058	Panel Board, Rm B160
4663B-PNL0059	Panel Board, Rm B160 North Wall
4663B-PNL0060	Panel Board, Rm B160
4663B-PNL0061	Panel Board, Rm B100
4663B-PNL0062	Panel Board, Rm B100
4663B-PNL0063	Panel Board, Rm B100
4663B-PNL0064	Panel Board, Rm B168
4663B-PNL0065	Panel Board, Rm B168
4663B-PNL0066	Panel Board, Rm B168
4663B-PRIP0001	Chill Water Pump, Rm B001/Rm E02 - Disconnect room E2
4663B-PRIP0002	Chill Water Pump, Rm B001/Rm E02 - Disconnect room E2
4663B-SECP0001	Chill Water Pump, Rm B001/Rm E02 - Disconnect room E2
4663B-SECP0002	Chill Water Pump, Rm B001/Rm E02 - Disconnect room E2
4663B-SECP0003	Chill Water Pump, Rm B001/Rm E2 - Disconnect room E2
4663B-SPMP001A	Sump Pump, Rm B001/Rm E2 - Disconnect room E2
4663B-SPMP001B	Sump Pump, Rm B001/Rm E2 - Disconnect room E2
4663B-SPMP002A	Sump Pump, Outside of Rm B10 - Disconnect at pump
4663B-SPMP002B	Sump Pump, Outside of Rm B10 - Disconnect at pump
4663B-SPMP003A	Sump Pump, Rm B10 - Disconnect at pump
4663B-SPMP003B	Sump Pump, Rm B10 - Disconnect at pump
4663B-SPMP004	Sump Pump, Rm B160, Under Floor at CRU9
4663B-SPR0001	Sprinkler System, B Wing, West End
4663B-SWBD0001	Switch Board, Rm B180
4663B-SWBD0002	Switch Board, Rm B001/Rm E2
4663B-SWBD0003	Switch Board, Rm B001/Rm E2
4663B-SWBD0004	Switch Board, Rm B169A/Rm E03
4663B-SWBD0005	Switch Board, Rm B169A/Rm E03
4663B-SWBD0006	Switch Board, Rm B169A/Rm E03
4663B-SWBD0007	Switch Board, Rm B13
4663B-SWBD0008	Switch Board, Rm B13
4663B-SWBD0009	Switch Board, Rm B13
4663B-SWBD0010	Switch Board, Rm B10 A
4663B-SWGR0001	Switch Gear, Rm B13
4663B-UH0001	Unit Heater, E-3A/ B169
4663B-UH0002	Unit Heater, E-3/ B169A
4663B-UH0003	Unit Heater, E-15/ B180
4663B-UPS0001	UPS Power System, Rm B10A
4663B-UPS0002	UPS Power System, Rm B180/Rm E15
4663B-UPS0006	UPS Power System, Rm B160, NACC Area
4663B-VSC0001	Variable Speed Controller, Rm B001/Rm E02 Assoc. w/ CHWP
4663B-VSC0002	Variable Speed Controller, Rm B001/Rm E02 Assoc. w/ CHWP
4663B-VSC0003	Variable Speed Controller, Rm B001/Rm E02 Assoc. w/ CHWP
4663B-VSC0004	Variable Speed Controller, Rm B001/Rm E02 Assoc. w/ CTWR
4663B-WJET0001	Water Jet, Rm B001/Rm E2 - Disconnect room E2
4663B-XFMR0001	Transformer, Rm B205
4663B-XFMR0002	Transformer, Rm B205
4663B-XFMR0003	Transformer, Rm B205
4663B-XFMR0004	Transformer, Rm B227
4663B-XFMR0005	Transformer, Rm B227
4663B-XFMR0006	Transformer, Rm B227

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663B-XFMR0007	Transformer, Rm B227
4663B-XFMR0008	Transformer, Rm B180
4663B-XFMR0009	Transformer, Rm B001/Rm E2
4663B-XFMR0010	Transformer, Rm B001/Rm E2
4663B-XFMR0011	Transformer, Rm B001/Rm E2
4663B-XFMR0012	Transformer, Rm B107
4663B-XFMR0013	Transformer, Rm B172/Rm E28
4663B-XFMR0014	Transformer, Rm B172/Rm E28
4663B-XFMR0015	Transformer, Rm B172/Rm E28
4663B-XFMR0016	Transformer, Rm B172/Rm E28
4663B-XFMR0017	Transformer, Rm B172/Rm E28
4663B-XFMR0018	Transformer, Rm B172/Rm E28
4663B-XFMR0019	Transformer, Rm B160
4663B-XFMR0020	Transformer, Rm B160
4663B-XFMR0021	Transformer, Rm B10, N. WALL
4663B-XFMR0022	Transformer, Rm B10
4663B-XFMR0023	Transformer, Rm B10, N. WALL
4663B-XFMR0024	Transformer, Rm B10 West Wall
4663B-XFMR0025	Transformer, Rm B100
4663B-XFMR0026	Transformer, Rm B100
4663B-XFMR0028	Transformer, Rm B13
4663B-XFMR0029	Transformer, Rm B10 West Room
4663B-XFMR0030	Transformer, Rm B10 West Room
4663B-XFMR0031	Transformer, Rm B168
4663B-XFMR0032	Transformer, Rm B218
4663B-XFMR0033	Transformer, Rm B211
4663B-XFMR0034	Transformer, T601 Yard, (Main Transformer)
4663C-ACMP0001	Air Compressor Control, Rm C262/Rm E14 - Disconnect room E14
4663C-ACMP0001	Air Compressor Control, Rm C262/Rm E14 - Disconnect room E14
4663C-ACMP0002	Air Compressor Control, Rm C262/Rm E14 - Disconnect room E14
4663C-ADRY0001	Air Dryer, Rm C262/Rm E14 - Disconnect in room E14
4663C-ADRY0002	Air Dryer, Rm C262/Rm E14 - Disconnect in room E14
4663C-ADRY0002	Air Dryer, Rm C262/Rm E14 - Disconnect in room E14
4663C-AH0001	Air Handling Unit, Rm C175/Rm E16 - Disconnect in room E16
4663C-AH0003	Air Handling Unit, Rm C106/Rm E17 - Disconnect on unit
4663C-AH0004	Air Handling Unit, Rm C206/Rm E13 - Disconnect in room E13
4663C-AH0006	Air Handling Unit, Rm C212, Overhead - Disconnect on unit
4663C-AH0007	Air Handling Unit, Rm C212- Overhead - Disconnect on unit
4663C-AH0008	Air Handling Unit, Rm C301A/Rm E19 - Disconnect in room E19
4663C-AH0020	Air Handling Unit, Rm C262/Rm E14 - Disconnect in room E14
4663C-ATS0002	Auto Transfer Switch, C Wing
4663C-ATS0003	Auto Transfer Switch, Outside, West C Wing
4663-CBP0001	Circuit Breaker Panel, Room A281
4663-CBP0002	Circuit Breaker Panel, Room A281
4663-CBP0003	Circuit Breaker Panel, Room A281
4663-CBP0004	Circuit Breaker Panel, Room A281
4663-CBP0005	Circuit Breaker Panel, Room A106/E-06
4663-CBP0006	Circuit Breaker Panel, Room A106/E-06
4663-CBP0009	Circuit Breaker Panel, Room C106/E-17
4663-CBP0010	Circuit Breaker Panel, Room C106/E-17
4663-CBP0011	Circuit Breaker Panel, Room C106/E-17
4663-CBP0012	Circuit Breaker Panel, Room C121
4663-CBP0015	Circuit Breaker Panel, Room C206/E-13

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663-CBP0016	Circuit Breaker Panel, Room C206/E-13
4663-CBP0017	Circuit Breaker Panel, Room D200
4663-CBP0018	Circuit Breaker Panel, Room C260
4663-CBP0019	Circuit Breaker Panel, Room C260
4663-CBP0020	Circuit Breaker Panel, Room C260
4663-CBP0022	Circuit Breaker Panel, Room B13/E-02
4663-CBP0023	Circuit Breaker Panel, Room B13/E-02
4663-CBP0024	Circuit Breaker Panel, Room B13/E-02
4663-CBP0025	Circuit Breaker Panel, Room B13/E-02
4663-CBP0026	Circuit Breaker Panel, Room B10/E-01
4663-CBP0027	Circuit Breaker Panel, Room B10/E-01
4663-CBP0028	Circuit Breaker Panel, Room B10/E-01
4663-CBP0029	Circuit Breaker Panel, Room B10/E-01
4663-CBP0030	Circuit Breaker Panel, Room B10/E-01
4663-CBP0031	Circuit Breaker Panel, Room B10/E-01
4663-CBP0033	Circuit Breaker Panel, Ab-Wing, Outside
4663-CBP0034	Circuit Breaker Panel, Room C121
4663-CBP0035	Circuit Breaker Panel, Room M105, E-22
4663-CBP0036	Circuit Breaker Panel, Room M106
4663-CBP0037	Circuit Breaker Panel, Room M106
4663-CBP0045	Circuit Breaker Panel, E-07
4663-CBP0046	Circuit Breaker Panel, C-Wing, W Side, Outside
4663-CBP0047	Circuit Breaker Panel, C-Wing, N Side, Outside
4663-CBP0048	Circuit Breaker Panel, C-Wing, W Side, Outside
4663-CBS0001	Circuit Breaker Starter, Room C106/E-18
4663-CBS0002	Circuit Breaker Starter, Room C106/E-18
4663-CBS0004	Circuit Breaker Starter, Room C106/E-18
4663-CBS0005	Circuit Breaker Starter, Room C106/E-18
4663-CBS0006	Circuit Breaker Starter, E-18
4663C-COIL001A	Chilled Water Coil, C-AH0001, Rm C175/E-16
4663C-COIL001B	Hot Water/Steam Coil, C-AH0001, Rm 175/E-16
4663C-COIL003A	Chilled Water Coil, C-AH0003, Rm C106/E-17
4663C-COIL003B	Hot Water/Steam Coil, C-AH0003, Rm C106/E-17
4663C-COIL004A	Chilled Water Coil, C-AH0004, Rm C206/E-13
4663C-COIL004B	Hot Water/Steam Coil, C-AH0004, Rm C206/E-13
4663C-COIL006A	Chilled Water Coil, C-AH0006, Rm C212
4663C-COIL006B	Hot Water/Steam Coil, C-AH0006, Rm C212
4663C-COIL007A	Chilled Water Coil, C-AH0007, Rm C212
4663C-COIL007B	Hot Water/Steam Coil, C-AH0007, Rm C212
4663C-COIL008A	Chilled Water Coil, C-AH0008, Rm C301A/E-19
4663C-COIL008B	Hot Water/Steam Coil, C-AH0008, Rm C301A/E-19
4663C-COIL020A	Chilled Water Coil, C-AH0020, Rm C262/E-14
4663C-COIL020B	Hot Water/Steam Coil, C-AH0020, Rm C262/E-14
4663C-CRU0001	Computer Room Unit, Rm C180 - Disconnect at unit
4663C-CRU0003	Computer Room Unit, Rm C261 - Disconnect at unit
4663C-CRU0004	Computer Room Unit, Rm C260 - Disconnect at unit
4663C-CRU0005	Computer Room Unit, Rm C260 - Disconnect at unit
4663C-CRU0006	Computer Room Unit, Rm C260 - Disconnect at unit
4663C-CRU0007	Computer Room Unit, Rm C260 - Disconnect at unit
4663C-CRU0008	Computer Room Unit, Rm C210 - Disconnect at unit
4663C-CRU0009	Computer Room Unit, Rm C210 - Disconnect at unit
4663C-CRU0010	Computer Room Unit, Rm C210 - Disconnect at unit
4663C-DOOR0001	Roll-Up Door, South East, C Wing - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663C-ELEV0001	Hydraulic Elevator, C Wing - Disconnect at elevator
4663C-EW0001	Eyewash Station, Rm C190/E21 ,C Wing N Center O/S
4663C-EW0002	Eyewash Station, Rm C106/Rm E17
4663C-HST0001	1-Ton Electric Hoist, Rm C183 - Disconnect at WEST WALL
4663C-HST0002	1-Ton Electric Hoist, Rm C183 - Disconnect at WEST WALL
4663C-HUM0001	Humidifier, Rm C206/Rm E13 - Disconnect in room E13
4663C-HUM0002	Humidifier, Rm C301A/Rm E19 - Disconnect at unit
4663C-HWHD0001	Hot Water Heater - Domestic, RM C103 - Disconnect at heater
4663C-HWHD0002	Hot Water Heater - Domestic, Rm C171 - Disconnect at heater
4663C-HWP0001	Hot Water Pump, Rm C301A/Rm E19 - Disconnect at pump
4663C-LTS0001	Emergency Lighting - Hall by Rm C206
4663C-LTS0003	Emergency Lighting - Rm C102A
4663C-LTS0004	Emergency Lighting - Rm C103
4663C-LTS0005	Emergency Lighting - Hall by Rm C110
4663C-LTS0006	Emergency Lighting - Rm C267
4663C-LTS0007	Emergency Lighting - Stairs by Rm C210
4663C-LTS0008	Emergency Lighting - Rm C260 E. wall
4663C-LTS0009	Emergency Lighting - Rm C260 N. wall
4663C-LTS0010	Emergency Lighting - Rm C260 S. wall
4663C-LTS0011	Emergency Lighting - Rm C 260 N. Wall
4663C-LTS0012	Emergency Lighting - Rm C 261 Label 24
4663C-LTS0013	Emergency Lighting - Rm C 210 N. Wall
4663C-LTS0014	Emergency Lighting - Rm C 210
4663C-LTS0015	Emergency Lighting - Rm C 210 E. wall
4663C-LTS0016	Emergency Lighting - Rm D200
4663C-LTS0017	Emergency Lighting - Rm B210 On S. Wall
4663C-LTS0018	Emergency Lighting - E. Stairwell CWing
4663C-LTS0019	Emergency Lighting - Hall Near Rm C170
4663C-LTS0020	Emergency Lighting - Rm C270
4663C-MCC0001	Motor Control Center, Rm C175/Rm E16
4663C-MCC0002	Motor Control Center, Rm C106/Rm E17
4663C-MTS0001	Manual Transfer Switch, Rm C206/Rm E13
4663-CP0001	Control Panel, Room A109
4663C-PDU0001	Power Distribution Unit, Room C206
4663C-PNL0001	Panel Board, Rm C210
4663C-PNL0002	Panel Board, Rm C206/Rm E13
4663C-PNL0003	Panel Board, Rm C106/Rm E17
4663C-PNL0004	Panel Board, Rm C106/Rm E17
4663C-PNL0005	Panel Board, Rm C183
4663C-PNL0006	Panel Board, Rm C184
4663C-PNL0007	Panel Board, Rm C190/Rm E21
4663C-PNL0008	Panel Board, Rm C100B
4663C-PNL0009	Panel Board, Rm C180
4663C-PNL0010	Panel Board, Rm C180
4663C-PNL0011	Panel Board, Rm C206/Rm E13
4663C-PNL0012	Panel Board, Rm C206/Rm E13
4663C-PNL0013	Panel Board, Rm C206/Rm E13
4663C-PNL0014	Panel Board, Rm C206/Rm E13
4663C-PNL0015	Panel Board, Rm C206/Rm E13
4663C-PNL0016	Panel Board, Rm C206/Rm E13
4663C-PNL0017	Panel Board, Rm C210
4663C-PNL0018	Panel Board, Rm C210
4663C-PNL0019	Panel Board, Rm C210

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663C-PNL0020	Panel Board, Rm C210
4663C-PNL0021	Panel Board, Rm C210
4663C-PNL0022	Panel Board, Rm C210
4663C-PNL0023	Panel Board, Rm C260 South Wall
4663C-PNL0024	Panel Board, Rm C260 South Wall
4663C-PNL0025	Panel Board, Rm C260
4663C-PNL0026	Panel Board, Rm C260
4663C-PNL0027	Panel Board, Rm C260
4663C-PNL0028	Panel Board, Rm C262/Rm E14
4663C-PNL0029	Panel Board, Rm C262/Rm E14
4663C-PNL0030	Panel Board, Rm C262/Rm E14
4663C-PNL0031	Panel Board, Rm C262/Rm E14
4663C-PNL0032	Panel Board, Rm C260
4663C-PNL0033	Panel Board, RM C185
4663C-PNL0034	Panel Board, Rm C106/Rm E17
4663C-PNL0035	Panel Board, Rm C106/Rm E17
4663C-PNL0036	Panel Board, Rm C206/Rm E13
4663C-PNL0037	Panel Board, Rm C206/Rm E13
4663C-PNL0038	Panel Board, Rm C190/Rm E21
4663C-PNL0039	Panel Board, Rm C261
4663C-PNL0040	Panel Board, Rm C260
4663C-PNL0041	Panel Board, Rm C261
4663C-PNL0042	Panel Board, Rm C172
4663C-PNL0043	Panel Board, Rm C172
4663C-PNL0044	Panel Board, Rm C270/E30
4663C-PNL0045	Panel Board, Rm C270/E30
4663C-PNL0046	Panel Board, Rm C121
4663C-PNL0047	Panel Board, Rm C270/E30
4663C-PNL0071	Panel Board, Rm C209
4663C-RAF0001	Return Air Fan, Rm C175/Rm E16 - Disconnect in room E16
4663C-RAF0003	Return Air Fan, Rm C106/Rm E17 - Disconnect in room E17
4663C-SPR0001	Sprinkler System, Rm C175/Rm E16
4663C-SWBD0001	Switch Board, Rm C190/Rm E21
4663C-SWBD0002	Switch Board, Outside C Wing
4663C-UH0001	Unit Heater, E-17/ C106
4663C-UH0002	Unit Heater, E-16/ C175
4663C-UH0003	Unit Heater, E-29/ C176
4663C-UH0004	Unit Heater, E-21/ C190
4663C-UH0005	Unit Heater, E-21/ C190
4663C-UH0006	Unit Heater, E-13/ C206
4663C-XFMR0001	Transformer, Rm C262/Rm E14
4663C-XFMR0002	Transformer, Rm C262/Rm E14
4663C-XFMR0003	Transformer, Rm C262/Rm E14
4663C-XFMR0004	Transformer, Rm C262/Rm E14
4663C-XFMR0005	Transformer, Rm C180
4663C-XFMR0006	Transformer, Rm C175/Rm E16
4663C-XFMR0007	Transformer, Rm C106/Rm E17
4663C-XFMR0008	Transformer, Rm C106/Rm E17
4663C-XFMR0009	Transformer, Rm C206/Rm E13
4663C-XFMR0010	Transformer, Rm C206/Rm E13
4663C-XFMR0011	Transformer, 1138 Yard (1200 Amp Breaker)
4663C-XFMR0012	Transformer, 1138 Yard (1000 Amp Breaker)
4663C-XFMR0013	Transformer, Room C206

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663C-XFMR0014	Transformer, Room C207
4663D-AH0001	Air Handling Unit, Rm D100A/Rm E18 - Disconnect in room E18
4663D-AH0002	Air Handling Unit, Rm D200 - Disconnect on unit
4663D-COIL001A	Chilled Water Coil, D-AH0001, Rm D100A/E-18
4663D-COIL001B	Hot Water/Steam Coil, D-AH0001, Rm D100A/E-18
4663D-COIL002A	Chilled Water Coil, D-AH0002, Rm D200
4663D-COIL002B	Hot Water/Steam Coil, D-AH0002, Rm D200
4663D-CRU0001	Computer Room Unit, Rm D200 - Disconnect at unit
4663D-CRU0002	Computer Room Unit, Rm D200 - Disconnect at unit
4663D-PNL0001	Panel Board, Rm D101
4663D-PNL0002	Panel Board, Rm D200
4663D-PNL0003	Panel Board, Rm D200
4663D-PNL0004	Panel Board, Rm D200
4663D-PNL0005	Panel Board, Rm D200
4663D-PNL0006	Panel Board, Rm D200
4663D-PNL0007	Panel Board, Rm D100A/Rm E18
4663D-XFMR0001	Transformer, Rm D101
4663D-XFMR0002	Transformer, Rm D200
4663D-XFMR0003	Transformer, Rm D100A/Rm E18
4663-FID0001	Field Interface Device, Rm B001/Rm E02
4663-FID0002	Field Interface Device, Rm B10
4663-FID0003	Field Interface Device, Rm C175/Rm E16
4663-GEN0001	Emergency Generator, Outside AB Wing
4663-GEN0002	Emergency Generator, AB Wing Outside
4663-GEN0003	Emergency Generator, A Wing
4663-GEN0004	Emergency Generator, Outside BC Wing
4663-GEN0005	Emergency Generator, Outside BC Wing
4663M-AH0001	Air Handling Unit, Rm M104B - Disconnect on unit
4663M-AH0002	Air Handling Unit, M-Wing, Outside Rm M213, Overhead - Disconnect on unit
4663M-AH0003	Air Handling Unit, M-Wing Overhead North, Rm 200 - Disconnect on unit
4663M-AH0015	Air Handling Unit, B Wing, Rm B200A/Rm E38 - Disconnect in room E38
4663M-ATS0001	Auto Transfer Switch, Rm M104
4663M-BATB0001	Battery Bank, Rm M104A
4663M-BATB0002	Battery Bank, Rm C106/Rm E17
4663M-COIL001A	Chilled Water Coil, M-AH0001, Rm M104B
4663M-COIL001B	Hot Water/Steam Coil, M-AH0001, Rm M104B
4663M-COIL002A	Chilled Water Coil, M-AH0002, Outside Rm M213
4663M-COIL002B	Hot Water/Steam Coil, M-AH0002, Outside Rm M213
4663M-COIL003A	Chilled Water Coil, M-AH0003, Overhead North, Rm 200
4663M-COIL003B	Hot Water/Steam Coil, M-AH0003, Overhead North, Rm 200
4663M-COIL015A	Chilled Water Coil, M-AH0015, Rm B200A/E-38
4663M-COIL015B	Hot Water/Steam Coil, M-AH0015, Rm B200A/E-38
4663M-CRU0002	Computer Room Unit, Rm M101 - Disconnect at unit
4663M-CRU0004	Computer Room Unit, Rm M101 - Disconnect at unit
4663M-CRU0007	Computer Room Unit, Rm M101 - Disconnect at unit
4663M-CRU0008	Computer Room Unit, Rm M211 - Disconnect at unit
4663M-CRU0009	Computer Room Unit, Rm M211 - Disconnect at unit
4663M-CRU001A	Computer Room Unit, Rm M103 - Disconnect at unit
4663M-CRU001B	Computer Room Unit, Rm M103 - Disconnect at unit
4663M-CRU001C	Computer Room Unit, Rm M103 - Disconnect at unit
4663M-CRU001D	Computer Room Unit, Rm M103 - Disconnect at unit
4663M-EW0001	Safety Eyewash, Rm M104A
4663M-EW0002	Safety Eyewash, Rm M105

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663M-LTS0001	Emergency Lighting - Rm M117 E. wall
4663M-LTS0002	Emergency Lighting - Rm M117 W. wall
4663M-LTS0003	Emergency Lighting - Rm M201
4663M-LTS0004	Emergency Lighting - Rm M203 No Access
4663M-LTS0005	Emergency Lighting - Rm M103 - E. Wall N. End
4663M-MTS0001	Manual Transfer Switch, Rm M105
4663M-PDU0001	Power Distribution Unit, Room M211
4663M-PNL0001	Panel Board, Rm M104
4663M-PNL0002	Panel Board, Rm M211
4663M-PNL0003	Panel Board, Rm M211
4663M-PNL0004	Panel Board, Rm M211
4663M-PNL0005	Panel Board, Rm M101
4663M-PNL0006	Panel Board, Rm M103
4663M-PNL0007	Panel Board, Rm M103
4663M-PNL0008	Panel Board, Rm M101C
4663M-PNL0009	Panel Board, Rm M211
4663M-PNL0010	Panel Board, Rm M104
4663M-PNL0011	Panel Board, Rm M108
4663M-PNL0012	Panel Board, Rm M201
4663M-PNL0013	Panel Board, Rm M204
4663M-PNL0014	Panel Board, Outside AB Wing
4663M-PNL0015	Panel Board, Rm M209
4663M-PNL0016	Panel Board, Rm M209
4663M-SWBD0001	Switch Board, Rm M104A
4663M-SWBD0002	Switch Board, Rm M104B
4663M-SWBD0003	Switch Board, Outside BC Wing
4663M-SWBD0004	Switch Board, Outside AB Wing
4663M-SWBD0005	Switch Board, Outside AB Wing
4663M-SWGR0001	Switch Gear, Rm M104B, Cyberex Switch
4663M-UPC0001	Unit Power Center, Outside AB Wing
4663M-UPC0002	Unit Power Center, Outside AB Wing
4663M-UPC0003	Unit Power Center, Outside BC Wing
4663M-UPS0001	UPS Power System, Rm M104B
4663M-XFMR0001	Transformer, West M Wing
4663M-XFMR0002	Transformer, Rm M108
4663M-XFMR0003	Transformer, Rm M104
4663M-XFMR0004	Transformer, Outside BC Wing
4663M-XFMR0005	Transformer, Rm M105
4663M-XFMR0006	Transformer, Rm M101
4663-ROOF0001	Roof, Main, Bldg 4663
4663-ROOF0002	Roof, Bldg 4663
4663-ROOF0003	Roof, Bldg 4663
4663-ROOF0004	Roof, Bldg 4663
4663-ROOF0005	Roof, Bldg 4663
4663-ROOF0006	Roof, Bldg 4663
4663-ROOF0007	Roof, Bldg 4663
4663-ROOF0008	Roof, Bldg 4663
4663-ROOF0009	Roof, Bldg 4663
4663-ROOF0010	Roof, Bldg 4663
4663-ROOF0011	Roof, Bldg 4663
4663-ROOF0012	Roof, Bldg 4663
4663-ROOF0013	Roof, Bldg 4663
4663-ROOF0014	Roof, Bldg 4663

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663-ROOF0015	Roof, Bldg 4663
4663-ROOF0016	Roof, Bldg 4663
4663-ROOF0017	Roof, Bldg 4663
4663-ROOF0018	Roof, Bldg 4663
4663-ROOF0019	Roof, Bldg 4663
4663-ROOF0020	Roof, Bldg 4663
4663-ROOF0021	Roof, Bldg 4663
4663-ROOF0022	Roof, Bldg 4663
4663-ROOF0023	Roof, Bldg 4663
4663-SHEW0001	Safety Shower & Eyewash, Btwn B&C Wing
4663-SLPMP0001	Sewage Lift Pump, Outside, North, Center
4663-SS0001	Safety Switch, Room A204/E-09
4663-SS0002	Safety Switch, Room A204/E-09
4663-SS0003	Safety Switch, Room A204/E-09
4663-SS0004	Safety Switch, Room A204/E-09
4663-SS0005	Safety Switch, E-21
4663-SS0006	Safety Switch, Room A286
4663-SS0007	Safety Switch, Room A274
4663-SS0008	Safety Switch, Room A261
4663-SS0009	Safety Switch, Room M101B
4663-SS0010	Safety Switch, Room M101B
4663-SS0011	Safety Switch, Room M101B
4663-SS0012	Safety Switch, Room M101B
4663-SS0013	Safety Switch, Room M101C
4663-SS0014	Safety Switch, Room A106/E-06
4663-SS0015	Safety Switch, Room A106/E-06
4663-SS0016	Safety Switch, Room A106/E-06
4663-SS0017	Safety Switch, Room A106/E-06
4663-SS0018	Safety Switch, Room A106/E-06
4663-SS0019	Safety Switch, Room A109
4663-SS0020	Safety Switch, Room A109
4663-SS0021	Safety Switch, Room A109
4663-SS0022	Safety Switch, Room A109
4663-SS0024	Safety Switch, Room A109
4663-SS0025	Safety Switch, Room A124A
4663-SS0026	Safety Switch, Room A124A
4663-SS0027	Safety Switch, Room A124A
4663-SS0030	Safety Switch, Room A114A
4663-SS0032	Safety Switch, Room A170/E24
4663-SS0033	Safety Switch, Room A170/E24
4663-SS0038	Safety Switch, Room A184E-04
4663-SS0039	Safety Switch, Room A162/E-05
4663-SS0040	Safety Switch, Room A162/E-05
4663-SS0041	Safety Switch, Room A162/E-05
4663-SS0044	Safety Switch, E-07
4663-SS0045	Safety Switch, E-07
4663-SS0046	Safety Switch, Room 301/E-11 Penthouse,
4663-SS0047	Safety Switch, Room 301/E-11 Penthouse,
4663-SS0048	Safety Switch, Room 301/E-11 Penthouse,
4663-SS0049	Safety Switch, Roof, A-Wing
4663-SS0050	Safety Switch, Room M204, M-Wing
4663-SS0056	Safety Switch, Room C106/E-17
4663-SS0057	Safety Switch, Room C106/E-17

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4663-SS0058	Safety Switch, Room C106/E-17
4663-SS0059	Safety Switch, Room C106/E-17
4663-SS0060	Safety Switch, Room C106/E-17
4663-SS0061	Safety Switch, Room C106/E-17
4663-SS0062	Safety Switch, E-18
4663-SS0063	Safety Switch, E-18
4663-SS0064	Safety Switch, E-18
4663-SS0065	Safety Switch, Room D101
4663-SS0067	Safety Switch, Room C121
4663-SS0068	Safety Switch, Room C121
4663-SS0069	Safety Switch, Room C121
4663-SS0070	Safety Switch, Room C121
4663-SS0072	Safety Switch, Room C180A
4663-SS0073	Safety Switch, Room C182
4663-SS0075	Safety Switch, Room C184
4663-SS0076	Safety Switch, Room C206/E-13
4663-SS0077	Safety Switch, Room C206/E-13
4663-SS0078	Safety Switch, Room C206/E-13
4663-SS0079	Safety Switch, Room M209
4663-SS0087	Safety Switch, Room B172
4663-SS0088	Safety Switch, Room B170
4663-SS0089	Safety Switch, Room B160
4663-SS0090	Safety Switch, Room B160, North Wall
4663-SS0091	Safety Switch, Room B160, North Wall
4663-SS0092	Safety Switch, Room B160, North Wall
4663-SS0093	Safety Switch, Room B160, North Wall
4663-SS0094	Safety Switch, Room B160, West Wall
4663-SS0095	Safety Switch, Room B160, West Wall
4663-SS0096	Safety Switch, Room B160, West Wall
4663-SS0098	Safety Switch, Room B107
4663-SS0100	Safety Switch, Room D200
4663-SS0101	Safety Switch, Room D200
4663-SS0102	Safety Switch, Room D200
4663-SS0103	Safety Switch, Room D200
4663-SS0104	Safety Switch, Room D200
4663-SS0105	Safety Switch, Room D200
4663-SS0106	Safety Switch, Room C185
4663-SS0107	Safety Switch, Room B170A/E-20
4663-SS0111	Safety Switch, Room A204/E-09
4663-SS0112	Safety Switch, E-19 Penthouse
4663-SS0113	Safety Switch, E-19 Penthouse
4663-SS0115	Safety Switch, Room B13/E-02
4663-SS0116	Safety Switch, Room B13/E-02
4663-SS0117	Safety Switch, Room B13/E-02
4663-SS0118	Safety Switch, Room B13/E-02
4663-SS0119	Safety Switch, Room B13/E-02
4663-SS0120	Safety Switch, Room B13/E-02
4663-SS0121	Safety Switch, Outside Bc-Wing
4663-SS0122	Safety Switch, Outside Between B&C Wing
4663-SS0123	Safety Switch, Room B10/E-01, South Wall
4663-SS0125	Safety Switch, Room B10/E-01, South Wall
4663-SS0126	Safety Switch, Room B10/E-01
4663-SS0127	Safety Switch, Room B12/E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663-SS0128	Safety Switch, Room B12/E-01
4663-SS0129	Safety Switch, Room B12/E-01
4663-SS0130	Safety Switch, Room B12/E-01
4663-SS0131	Safety Switch, Room B12/E-01
4663-SS0132	Safety Switch, Room B12/E-01
4663-SS0133	Safety Switch, Outside E-01
4663-SS0134	Safety Switch, Basement Computer Room
4663-SS0135	Safety Switch, Basement Computer Room
4663-SS0136	Safety Switch, Basement Computer Room
4663-SS0137	Safety Switch, Outside A-B Wing
4663-SS0138	Safety Switch, Outside A-B Wing
4663-SS0139	Safety Switch, Outside A-B Wing
4663-SS0140	Safety Switch, Outside A-B Wing
4663-SS0141	Safety Switch, Outside A-B Wing
4663-SS0142	Safety Switch, Outside B-C Wing
4663-SS0144	Safety Switch, Room C206E-13
4663-SS0145	Safety Switch, Room B107
4663-SS0146	Safety Switch, Room B211
4663-SS0147	Safety Switch, Room B211
4663-SS0148	Safety Switch, Room C262/E-14
4663-SS0149	Safety Switch, E-19
4663-SS0150	Safety Switch, Room B13/E-02
4663-SS0151	Safety Switch, Room A109
4663-SS0152	Safety Switch, Room C105/E-17
4663-SSS0001	Starter Safety Switch, Room A200A/E-10
4663-SSS0002	Starter Safety Switch, Room A200A/E-10
4663-SSS0003	Starter Safety Switch, Room 301/E-11 Penthouse,
4663-SSS0004	Starter Safety Switch, Room 301/E-11 Penthouse,
4663-SSS0005	Starter Safety Switch, Room C184
4663-SSS0006	Starter Safety Switch, Room C184
4663-SSS0007	Starter Safety Switch, Room C184
4663-SSS0008	Starter Safety Switch, Room C184
4663-SSS0009	Starter Safety Switch, Room C184
4663-SSS0010	Starter Safety Switch, Room C206/E-13
4663-SSS0011	Starter Safety Switch, Room B13/E-02
4663-SSS0012	Starter Safety Switch, Room B13/E-02
4663-SSS0013	Starter Safety Switch, Room B107
4663-SSS0014	Starter Safety Switch, Room B13/E-02
4663-SSS0015	Starter Safety Switch, Room M106
4663-SSS0016	Starter Safety Switch, Room 301/E-11 Penthouse
4663-SSS0017	Starter Safety Switch, Room 301/E-11 Penthouse
4663-STRT0001	Starter, Room A15/E-07
4663-STRT0002	Starter, Room A15/E-07
4663-STRT0003	Starter, , Room 301/E-11 Penthouse
4663-STRT0004	Starter, Room C106/E-18
4663-STRT0008	Starter, Room B170A/E-20
4663-STRT0009	Starter, Room B13/E-02
4663-STRT0010	Starter, Room B10/E-01
4663-STRT0011	Starter, Room B10/E-01
4663-STRT0012	Starter, Outside Room B10/E-01
4663-TANK0001	Diesel Storage Tank
4663-TMR0001	Timer, Room A204/E-09
4663-TMR0002	Timer, Room 301/E-11 Penthouse,

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4663-TMR0003	Timer, Room C106/E-18
4663-TMR0004	Timer, Room C175/E-16
4663-TMR0005	Timer, Room B13/E-02
4663-XFMR0001	Transformer, Room A274
4663-XFMR0012	Transformer, Room C180A
4663-XFMR0027	Transformer, E-19 Penthouse
4666-AH0001	Air Handling Unit, Rm 365B/Rm E03 - Disconnect in room E3
4666-AH0002	Air Handling Unit, Rm 263 - Disconnect on unit
4666-AH0003	Air Handling Unit, Rm 263/Rm E02 - Disconnect room E2
4666-AH0004	Air Handling Unit, Rm 284 - Disconnect on unit
4666-AH0005	Air Handling Unit, Rm 108/Rm E04 - Disconnect in room E4
4666-ATS0001	Auto Transfer Switch, Rm 294
4666-BFP0001	Back Flow Preventer - Chilled Water, Rm 263
4666-CBP0001	Circuit Breaker Panel, Room 202
4666-CBP0002	Circuit Breaker Panel, Room 202
4666-CBP0003	Circuit Breaker Panel, Room 234C
4666-CBP0004	Circuit Breaker Panel, Room 284, E-01
4666-CBS0001	Circuit Breaker Starter, Room 234C
4666-CBS0002	Circuit Breaker Starter, Sw Cooling Tower
4666-CHLR0001	Water Chiller, Rm 263
4666-CHWP0001	Chill Water Pump, Rm 263 - Disconnect at pump
4666-CHWP0002	Chill Water Pump, Rm 263 - Disconnect at pump
4666-CHWP0003	Chill Water Pump, Rm 284 - Disconnect at pump
4666-CNDP0001	Condensate Pump, Rm 284 - Disconnect at pump
4666-CNDP0002	Condensate Pump, Rm 284 - Disconnect at pump
4666-CNDP0003	Condensate Pump, Rm 263 - Disconnect at pump
4666-CNDP0004	Condensate Pump, Rm 263 - Disconnect at pump - Disconnect at pump
4666-CNDP0005	Condensate Pump, Rm 108/E4 - Disconnect at pump
4666-CNDP0006	Condensate Pump, Rm 108/E4 - Disconnect at pump
4666-COIL001A	Chilled Water Coil, AH0001, Rm 365B/E-3
4666-COIL001B	Hot Water/Steam Coil, AH0001, Rm 365B/E-3
4666-COIL002A	Chilled Water Coil, AH0002, Rm 263
4666-COIL002B	Hot Water/Steam Coil, AH0002, Rm 263
4666-COIL003A	Chilled Water Coil, AH0003, Rm 263/E-2
4666-COIL003B	Hot Water/Steam Coil, AH0003, Rm 263/E-2
4666-COIL004A	Chilled Water Coil, AH0004, Rm 284
4666-COIL004B	Hot Water/Steam Coil, AH0004, Rm 284
4666-COIL005A	Chilled Water Coil, AH0005, Rm 108/E-4
4666-COIL005B	Hot Water/Steam Coil, AH0005, Rm 108/E-4
4666-CONT0001	Contact, Room 263, E-02
4666-CONT0002	Contact, Room 263, E-02
4666-CONT0003	Contact, Room 108, E-04
4666-CONT0004	Contact, Room 108, E-04
4666-CRU0001	Computer Room Unit - Disconnect at unit - Disconnect at unit
4666-CRU0001	Computer Room Unit - Disconnect at unit - Disconnect at unit
4666-CRU0001	Computer Room Unit - Disconnect at unit - Disconnect at unit
4666-CRU0002	Computer Room Unit, Rm 205 - Disconnect at unit
4666-CRU0002	Computer Room Unit, Rm 205 - Disconnect at unit
4666-CRU0003	Computer Room Unit, Rm 203 - Disconnect at unit
4666-CRU0003	Computer Room Unit, Rm 203 - Disconnect at unit
4666-CRU0004	Computer Room Unit, Rm 245B - Disconnect at unit
4666-CRU0004	Computer Room Unit, Rm 245B - Disconnect at unit
4666-CRU0005	Computer Room Unit, Rm 250 - Disconnect at unit - Disconnect at unit

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4666-CRU0005	Computer Room Unit, Rm 250 - Disconnect at unit - Disconnect at unit
4666-CRU0005	Computer Room Unit, Rm 250 - Disconnect at unit - Disconnect at unit
4666-CTWR0001	Cooling Tower, Outside, West Side - Disconnect on west side
4666-CWP0001	Condenser Water Pump, Outside West - Disconnect at pump
4666-CWP0002	Condenser Water Pump, Outside West - Disconnect at pump
4666-DOOR0001	Electric Personnel Door, West Side Main Entrance - Disconnect in panel
4666-DXAC0001	Direct Expansion AC Unit, Rm 234E
4666-DXAC0001	Direct Expansion AC Unit, Rm 234E
4666-EAF0001	Exhaust Blower Fan, Rm 202 - Disconnect at fan motor
4666-EAF0002	Exhaust Blower Fan, Rm 284 - Disconnect at fan motor
4666-ELEV0001	Hydraulic Elevator, West, Center - Disconnect at elevator
4666-FAS0001	Fire Alarm System, North Main Entrance
4666-FID0001	Field Interface Device, Rm 284
4666-FSS0001	Fire Suppression System, Rm 234E
4666-GEN0001	Emergency Generator, Outside NW
4666-HV0001	Heating Vent, Rm 263
4666-HV00B2	Heating Vent, Rm 202
4666-HWH0001	Hot Water Heater Steam, Rm 263 - Disconnect at heater
4666-HWHD0001	Hot Water Heater - Domestic, Across from Rm 111 - Disconnect at heater
4666-HWHD0002	Hot Water Heater - Domestic, Rm 284 - Disconnect at heater
4666-HWHD0003	Hot Water Heater - Domestic, Rm 263 - Disconnect at heater
4666-HWHD0005	Hot Water Heater - Domestic, North Side - Disconnect at heater
4666-HWHD0006	Hot Water Heater - Domestic, South Side - Disconnect at heater
4666-KVHD0001	Vent Hood, Kitchen, Rm 234 - Disconnect at hood
4666-KVHD0002	Vent Hood, Kitchen, Rm 234E - Disconnect at hood
4666-LC0001	Lighting Contactor, Room 234C
4666-LC0002	Lighting Contactor, Room 234C
4666-LC0003	Lighting Contactor, Room 234C
4666-LC0004	Lighting Contactor, West Side Under Stairs
4666-LTS0001	Emergency Lighting - Hall By Rm 253
4666-LTS0002	Emergency Lighting - Hall By Rm 263
4666-LTS0003	Emergency Lighting - Exit By Rm 234D
4666-LTS0004	Emergency Lighting - Hall By Rm 238
4666-LTS0005	Emergency Lighting - Hall By Rm 235
4666-LTS0006	Emergency Lighting - Hall By 219-217
4666-LTS0007	Emergency Lighting - Stairwell Btwn Rm 259 & 271
4666-LTS0008	Emergency Lighting - Hall by 203
4666-LTS0009	Emergency Lighting - Hall by 292
4666-LTS0010	Emergency Lighting - Hall by Rm 284
4666-LTS0011	Emergency Lighting - Hall by 275
4666-LTS0012	Emergency Lighting - Exit by Rm 125
4666-LTS0013	Emergency Lighting - Hall by 119
4666-LTS0014	Emergency Lighting - Exit by 113A
4666-LTS0015	Emergency Lighting - Hall by 105
4666-LTS0016	Emergency Lighting - Exit by Rm 101
4666-LTS0017	Emergency Lighting - Tunnel #1
4666-LTS0019	Emergency Lighting - Stairs down from Rm 339
4666-LTS0021	Emergency Lighting - Hall at Rm 343
4666-LTS0022	Emergency Lighting - Hall above Rm 371A
4666-LTS0023	Emergency Lighting - Hall by Rm 364
4666-LTS0024	Emergency Light, Hall At Room 363A
4666-LTS0025	Emergency Lighting - Hall by Rm 362
4666-LTS0026	Emergency Lighting - Hall by Rm 360

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4666-LTS0027	Emergency Lighting - Hall by Rm 379
4666-LTS0028	Emergency Lighting - Hall by Rm 384
4666-LTS0029	Emergency Lighting - Hall by Rm 392
4666-LTS0030	Emergency Lighting - Stairs down from Rm 396
4666-MCC0001	Motor Control Center, Rm 202
4666-MCC0002	Motor Control Center, Rm 284A
4666-MCC0003	Motor Control Center, Rm 263
4666-PNL0001	Panel Board, Outside Rm 263
4666-PNL0002	Panel Board, Rm 202
4666-PNL0003	Panel Board, Rm 284
4666-PNL0004	Panel Board, Rm 284
4666-PNL0005	Panel Board, Rm 202
4666-PNL0006	Panel Board, Rm 263
4666-PNL0007	Panel Board, Rm 365B/Rm E03
4666-PNL0008	Panel Board, Rm 202
4666-PNL0009	Panel Board, Outside Rm 112
4666-PNL0010	Panel Board, Rm 263
4666-PNL0011	Panel Board, Rm 284A
4666-PNL0012	Panel Board, Outside Rm 112
4666-PNL0013	Panel Board, Rm 284A
4666-PNL0014	Panel Board, Outside Rm 364A
4666-PNL0015	Panel Board, Outside Rm 386
4666-PNL0016	Panel Board, Rm 294
4666-PNL0017	Panel Board, Outside Rm 386
4666-PNL0018	Panel Board, Rm 339
4666-PNL0019	Panel Board, Outside Rm 364A
4666-PNL0020	Panel Board, Rm 245B
4666-PNL0021	Panel Board, Outside Rm 235
4666-PNL0022	Panel Board, Under West Stairs
4666-PNL0023	Panel Board, Rm 234C
4666-PNL0024	Panel Board, Rm 234C
4666-PNL0025	Panel Board, Rm 218
4666-PNL0026	Panel Board, Rm 203
4666-PNL0027	Panel Board, Rm 205
4666-PNL0028	Panel Board, Rm 205
4666-PNL0029	Panel Board, Rm 280
4666-PNL0030	Panel Board, Under West Stairs
4666-PNL0031	Panel Board, Outside Rm 218
4666-PNL0032	Panel Board, Rm 234C
4666-PNL0033	Panel Board, Outside Rm 386
4666-RMON0001	Refrigerant Monitoring System, Room 263/E-2, 1 Sensor
4666-ROOF0001	Roof, Main, Bldg 4666
4666-ROOF0002	Roof, Center, Bldg 4666
4666-ROOF0003	Roof, North, Bldg 4666
4666-SPMP001	Sump Pump, Tunnel - Disconnect at pump
4666-SPR0001	Sprinkler System, Rm 123A
4666-SS0001	Safety Switch, Room 245B
4666-SS0002	Safety Switch, Room 245B
4666-SS0003	Safety Switch, Room 205
4666-SS0004	Safety Switch, Room 203
4666-SS0005	Safety Switch, Room 202
4666-SS0006	Safety Switch, Room 202
4666-SS0007	Safety Switch, Room 202

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4666-SS0008	Safety Switch, Room 250B
4666-SS0009	Safety Switch, Room 263, E-02
4666-SS0010	Safety Switch, Room 263, E-02
4666-SS0011	Safety Switch, Room 263, E-02
4666-SS0012	Safety Switch, Room 250
4666-SS0013	Safety Switch, Room 292
4666-SS0014	Safety Switch, Room 292
4666-SS0015	Safety Switch, Room 365B, E-03
4666-SS0016	Safety Switch, Room 365B, E-03
4666-SS0017	Safety Switch, Room 112
4666-SS0018	Safety Switch, Sw Outside
4666-SS0019	Safety Switch, Sw Outside
4666-SS0020	Safety Switch, W. Outside
4666-SS0021	Safety Switch, Sw Cooling Tower
4666-SS0022	Safety Switch, Sw Cooling Tower
4666-SS0023	Safety Switch, At Generator
4666-SS0024	Safety Switch, At Generator
4666-SS0025	Safety Switch, At Generator
4666-STRT0001	Starter, Room 263, E-02
4666-STRT0002	Starter, Room 263, E-02
4666-STRT0003	Starter, Room 263, E-02
4666-STRT0004	Starter, Room 263, E-02
4666-STRT0005	Starter, Room 263, E-02
4666-STRT0006	Starter, Room 263, E-02
4666-STRT0007	Starter, Room 108, E-04
4666-STRT0008	Starter, Room 108, E-04
4666-STRT0009	Starter, Room 108, E-04
4666-SUB0001	Substation, SW Side
4666-SWBD0001	Switch Board, Rm 202
4666-SWBD0002	Switch Board, Rm 263
4666-TMR0001	Timer, Room 263, E-02
4666-TMR0002	Timer, Hall At Room 292
4666-TMR0003	Timer, Room 284, E-01
4666-TMR0004	Timer, Room 108, E-04
4666-TMR0005	Timer, Hall At Room 119
4666-XFMR0001	Transformer, Rm 202
4666-XFMR0002	Transformer, Rm 202
4666-XFMR0003	Transformer, Outside Rm 112
4666-XFMR0004	Transformer, Rm 284A
4666-XFMR0005	Transformer, Rm 263
4666-XFMR0006	Transformer, Rm 284A
4666-XFMR0007	Transformer, Rm 263
4666-XFMR0008	Transformer, Rm 263
4666-XFMR0009	Transformer, Rm 202
4666-XFMR0010	Transformer, Rm 218
4666-XFMR0011	Transformer, Room 263, E-02
4666-XFMR0012	Transformer, Room 263, E-02
4666-XFMR0013	Transformer, W. Outside
4667-ACMP0001	Air Compressor, Room 102D
4667-ADRY0001	Air Dryer, Room 102D
4667-AH0001	Air Handling Unit, Control Rm 100, Overhead - Disconnect on unit
4667-BATB0001	Battery Bank, SW Inside
4667-COIL001A	Chilled Water Coil, AH0001, Rm 100 Overhead

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4667-COIL001B	Hot Water/Steam Coil, AH0001, Rm 100 Overhead
4667-CRN0001	10-Ton Bridge Crane, High Bay Area, Rm 101 - Disconnect at SOUTH WALL
4667-DOOR0001	Roll-Up Door, East Side - Disconnect at door
4667-DXAC0001	Dxac (Water Cooled), Room 120D
4667-EAF0001	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0002	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0003	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0004	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0005	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0006	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0007	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0008	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0009	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0010	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0011	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0012	Exhaust Blower Fan, South Wall Inside - Disconnect at fan motor
4667-EAF0013	Exhaust Air Fan, Room 102D
4667-EAF0014	Exhaust Air Fan, Room 102 B (Battery Room)
4667-EAF0015	Exhaust Air Fan, South Wall, Inside
4667-FAS0001	Fire Alarm System, Control Room
4667-HV0001	Heating Vent, High Bay Area, Rm 101
4667-HV0002	Heating Vent, High Bay Area, Rm 101
4667-HV0003	Heating Vent, High Bay Area
4667-HV0004	Heating Vent, High Bay Area
4667-HV0005	Heating Vent, High Bay Area
4667-HV0006	Heating Vent, High Bay Area
4667-HV0007	Heating Vent, High Bay Area
4667-HWHD0001	Hot Water Heater - Domestic, Rm 102D/Rm E1 - Disconnect room E1
4667-LTS0001	Emergency Lighting - N. Wall by engine 2
4667-LTS0002	Emergency Lighting - N. Wall by engine 4
4667-LTS0003	Emergency Lighting - N. Wall by engine 6
4667-LTS0004	Emergency Lighting - N. Wall by engine 8
4667-LTS0005	Emergency Lighting - N. Wall by engine 10
4667-LTS0006	Emergency Lighting - N. Wall by engine 12
4667-LTS0007	Emergency Lighting - N. Wall by East Exit
4667-LTS0008	Emergency Lighting - South 1 & 2
4667-LTS0009	Emergency Lighting - South 3&4
4667-LTS0010	Emergency Lighting - South 7 & 8
4667-LTS0011	Emergency Lighting - South 9 & 10
4667-LTS0012	Emergency Lighting - South 10 & 11
4667-LTS0013	Emergency Lighting - South 12 & 13
4667-MCC0001	Motor Control Center, Rm 102D/Rm E1
4667-MCC0002	Motor Control Center, Engine Room South Wall
4667-MCC0003	Motor Control Center, Engine Room, South Wall
4667-MCC0004	Motor Control Center, Engine Rm, South Wall
4667-MCC0005	Motor Control Center, Engine Rm, South Wall
4667-MCC0006	Motor Control Center, Engine Rm, South Wall
4667-MCC0007	Motor Control Center, Engine Rm, South Wall
4667-MCC0008	Motor Control Center, Engine Rm, South Wall
4667-MCC0009	Motor Control Center, Engine Rm, South Wall
4667-MCC0010	Motor Control Center, Engine Rm, South Wall
4667-MCC0011	Motor Control Center, Engine Rm, South Wall
4667-MCC0012	Motor Control Center, Engine Rm, South Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4667-MCC0013	Motor Control Center, Engine Rm, South Wall
4667-MCC0014	Motor Control Center, Engine Rm, South Wall
4667-MCC0015	Motor Control Center, Engine Rm, South Wall
4667-PMP0001	Fuel Pump, Outside Northeast Side - Disconnect at panel
4667-PMP0002	Fuel Pump, Outside Northeast Side - Disconnect at panel
4667-PNL0001	Panel Board, Instrumentation Room
4667-PNL0002	Panel Board, Engine Room South Wall
4667-PNL0003	Panel Board, Engine Room, South Wall
4667-PNL0004	Panel Board, Outside North
4667-ROOF0001	Roof, Main, Bldg 4667
4667-ROOF0002	Roof, North, Bldg 4667
4667-SAF0001	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0002	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0003	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0004	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0005	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0006	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0007	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0008	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0009	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0010	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0011	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0012	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0013	Supply Air Fan, Inside, North Wall - Disconnect at fan unit
4667-SAF0014	Supply Air Fan, Inside, North Wall
4667-SHEW0001	Safety Shower & Eyewash, SW Inside
4667-SPMP001	Sump Pump, Pit Area - Disconnect at pump
4667-SPMP001A	Sump Pump, Outside North - Disconnect at pump
4667-SPMP001B	Sump Pump, Outside North - Disconnect at pump
4667-SPMP002	Sump Pump, Pit Area - Disconnect at pump
4667-SS0001	Safety Switch, Equipment Room
4667-SS0002	Safety Switch, Engine 1
4667-SS0003	Safety Switch, Engine 2
4667-SS0004	Safety Switch, Engine 3
4667-SS0005	Safety Switch, Engine 4
4667-SS0006	Safety Switch, Engine 5
4667-SS0007	Safety Switch, Engine 6
4667-SS0008	Safety Switch, Engine 7
4667-SS0009	Safety Switch, Engine 8
4667-SS0010	Safety Switch, Engine 9
4667-SS0011	Safety Switch, Engine 10
4667-SS0012	Safety Switch, Engine 11
4667-SS0013	Safety Switch, Engine 12
4667-SS0014	Safety Switch, Engine 13
4667-SS0015	Safety Switch, Outside, North
4667-SS0016	Safety Switch, E. Side, Tank 1
4667-SS0017	Safety Switch, W. Side, Tank 2
4667-SS0018	Safety Switch, North Yard, Sump 1
4667-SS0019	Safety Switch, North Yard, Sump 2
4667-STRT0001	Starter, Engine 8, S. Wall
4667-STRT0002	Starter, Outside, North
4667-STRT0003	Starter, Outside, North
4667-SWBD0001	Switch Board, Rm 102D/Rm E1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4667-XFMR0001	Transformer, Outside, North
4668-CBX0001	Control Box, Outside
4668-SS0001	Safety Switch, Outside
4669-CBX0001	Control Box, Outside
4669-SS0001	Safety Switch, Outside
4670-ACMP0001	Air Compressor Control, NE Leg, Basement, Rm B100 - Disconnect at compressor
4670-ADRY0001	Air Dryer, NE Leg, Basement, Rm B100 - Disconnect at dryer
4670-AH0001	Air Handling Unit, SE Leg, Basement, Rm B103 - Disconnect on unit
4670-AH0002	Air Handling Unit, NE Leg, Basement, Rm B102 - Disconnect on unit
4670-AH0003	Air Handling Unit, Rm 100, NE Leg 1st Level - Disconnect on unit
4670-AH0005	Air Handling Unit, 12th Level, SE Leg - Disconnect on unit
4670-ATS0001	Auto Transfer Switch, Rm B103/Rm E01
4670-BATB0001	Battery Bank, Basement, SE Leg, Rm B103/E01
4670-BATB0002	Battery Bank, SE Leg, Outside Rm 101
4670-BATB0003	Battery Bank, SE Leg, Rm 101
4670-BATB0004	Battery Bank, Basement, SE Leg, Rm B103/E01
4670-BATB0005	Battery Bank, Rm B103/Rm E01
4670-BATB0006	Battery Bank, Basement, SE Leg, Rm B103/E01
4670-BC0001	Battery Charger, Room B103, E-01
4670-BFP0001	Back Flow Preventer - Chilled Water, Rm B100
4670-CBP0001	Circuit Breaker Panel, Room B103, E-01
4670-CBP0002	Circuit Breaker Panel, Room B103, E-01
4670-CBP0003	Circuit Breaker Panel, Room B103, E-01
4670-CBP0004	Circuit Breaker Panel, Room B103, E-01
4670-CBP0005	Circuit Breaker Panel, Room B103, E-01
4670-CBP0006	Circuit Breaker Panel, Room B100, E-02
4670-CBP0007	Circuit Breaker Panel, Room B103, E-01
4670-CBP0008	Circuit Breaker Panel, Level 10, S. E. Leg, Outside
4670-CBP0009	Circuit Breaker Panel, Level 15, S. E. Leg
4670-CBP0010	Circuit Breaker Panel, Level 17, S. E. Leg
4670-CBP0011	Circuit Breaker Panel, Level 22, S. E. Leg
4670-CBP0012	Circuit Breaker Panel, Level 22, S. E. Leg
4670-CBP0013	Circuit Breaker Panel, Level 22, S. E. Leg
4670-CBP0014	Circuit Breaker Panel, Level 22, S. E. Leg
4670-CBP0015	Circuit Breaker Panel, Level 14, S. E. Leg, Outside Stairs
4670-CBP0016	Circuit Breaker Panel, Level 14, S. E. Leg, Outside Stairs
4670-CBP0017	Circuit Breaker Panel, Level 17, N. E. Leg
4670-CBP0018	Circuit Breaker Panel, Level 15, N. E. Leg
4670-CBP0019	Circuit Breaker Panel, Room B100, E-02
4670-CBP0020	Circuit Breaker Panel, Roof Crane, S. E. Leg
4670-CBP0021	Circuit Breaker Panel, Level 15, Tank Platform Ctr.
4670-CBP0022	Circuit Breaker Panel, Level 15, Tank Platform Ctr.
4670-CBP0023	Circuit Breaker Panel, Level 12, Ctr. Platform Area
4670-CBP0024	Circuit Breaker Panel, Level 12, Ctr. Platform Area
4670-CBP0025	Circuit Breaker Panel, Level 12, Ctr. Pltfrm. Ne Area
4670-CBP0026	Circuit Breaker Panel, Level 12, Ctr. Pltfrm. Ne Area
4670-CBP0027	Circuit Breaker Panel, Level 14, Platform North
4670-CBP0028	Circuit Breaker Panel, Level 14, Platform North
4670-CBP0029	Circuit Breaker Panel, Level 14, Platform North
4670-CBP0030	Circuit Breaker Panel, Pond Station
4670-CBS0001	Circuit Breaker Starter, Level 12, Platform, S. W. Area
4670-CBS0002	Circuit Breaker Starter, Level 12, Platform, S. W. Area
4670-CBS0003	Circuit Breaker Starter, Level 12, Platform N. W. Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4670-CBS0004	Circuit Breaker Starter, Level 12, Platform N. W. Area
4670-CBS0005	Circuit Breaker Starter, Pond Station
4670-CBS0006	Circuit Breaker Starter, Pond Station
4670-CHLR0001	Water Chiller, Basement, NE Leg, Rm B100
4670-CHWP0001	Chill Water Pump, NE Leg, Basement, Rm B100 - Disconnect at pump
4670-CHWP0002	Chill Water Pump, NE Leg, Basement, Rm B100 - Disconnect at pump
4670-CNDP0001	Condensate Pump, Basement, Rm B100 - Disconnect at pump
4670-CNDP0002	Condensate Pump, Basement, Rm B100 - Disconnect at pump
4670-COIL001A	Chilled Water Coil, AH0001, Rm B103
4670-COIL001B	Hot Water/Steam Coil, AH0001, Rm B103
4670-COIL002A	Chilled Water Coil, AH0002, Rm B102
4670-COIL002B	Hot Water/Steam Coil, AH0002, Rm B102
4670-COIL003A	Chilled Water Coil, AH0003, Rm 100
4670-COIL003B	Hot Water/Steam Coil, AH0003, Rm 100
4670-COIL005A	Chilled Water Coil, AH0005, 12th Level SE Leg
4670-COIL005B	Hot Water/Steam Coil, AH0005, 12th Level SE Leg
4670-CONT0001	Contactor, Room E1
4670-CONT0002	Contactor, Room B100, E-02
4670-CONT0005	Contactor, Level 11, N. E. Leg, In Rm.
4670-CRU0001	Computer Room Unit, 11th Level, SE Leg - Disconnect at unit
4670-CRU0002	Computer Room Unit, 8th Level, NE Leg - Disconnect at unit
4670-CRU0003	Computer Room Unit, 10th Level, NE Leg - Disconnect at unit
4670-CRU0004	Computer Room Unit, 9th Level, NE Leg - Disconnect at unit
4670-CRU0005	Computer Room Unit, 11th Level NE Leg - Disconnect at unit
4670-CTWR0001	Cooling Tower, Outside, NE Leg - Disconnect on North East side
4670-CWP0001	Condenser Water Pump, Basement NE Leg, Rm B100 - Disconnect at pump
4670-CWP0002	Condenser Water Pump, Basement, NE Leg, Rm B100 - Disconnect at pump
4670-DERK0001	200-Ton Stiffleg Derrick, Roof - Disconnect at EAST CONTROL CABINET
4670-DXAC0001	Direct Expansion AC Unit, 12th Level, NE Leg - Disconnect at unit
4670-ELEV0001	Cable Elevator, NE Leg - Disconnect at elevator
4670-ELEV0002	Cable Elevator, SE Leg - Disconnect at elevator
4670-EMG0001	Electric Motor Generator, Room B103, E-01
4670-EW0001	Safety Eyewash, Bsmt, Rm B103
4670-FAS0001	Fire Alarm System, 1st Floor, SE Leg, Entrance, Rm 101
4670-HV0001	Heating Vent Unit, 2nd Level, NE Leg
4670-HV0002	Air Handling Unit, 12th Level, NE Leg - Disconnect on unit
4670-HWHD0001	Hot Water Heater - Domestic, Bsmt, NE Leg, Rm B100 - Disconnect at heater
4670-HWP0001	Hot Water Pump, Bsmt, NE Leg, Rm B100 - Disconnect at heater
4670-HWP0002	Hot Water Pump, Bsmt, NE Leg, Rm B100 - Disconnect at heater
4670-LROD0001	Lightning Protection System, Roof
4670-LTS0001	Aviation Lights, Roof
4670-LTS0002	Emergency Lighting - N. Leg 10th Level by Exit
4670-LTS0003	Emergency Lighting - N. Leg 9th Level by Elevator
4670-LTS0004	Emergency Lighting - N. Leg 9th Level Room
4670-LTS0005	Emergency Lighting - N. Leg 8th Level Room
4670-LTS0006	Emergency Lighting - Stairs 8th Level N.
4670-LTS0007	Emergency Lighting - Level 4 Stairs N. Leg
4670-LTS0008	Emergency Lighting - Level 2 Stairs N. Leg
4670-LTS0009	Emergency Lighting - Level 11 by Elevator
4670-LTS0010	Emergency Lighting - S. Level 8 Catwalk
4670-LTS0011	Emergency Lighting - S. Level 4 Catwalk
4670-LTS0012	Emergency Lighting - S.W. Level 11
4670-LTS0013	Emergency Lighting - N.W. Level 08

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4670-LTS0014	Emergency Lighting - N.W. Leg 1st Fl Stairs
4670-LTS0015	Emergency Lighting - S.W. Leg 1st Fl Stairs
4670-LTS0016	Emergency Lighting - N.E. 1st Fl Stairs
4670-LTS0017	Emergency Lighting - Bsmt N.E., Rm B100
4670-LTS0018	Emergency Lighting - Bsmt Center E., Rm B102
4670-LTS0019	Emergency Lighting - Bsm, Center N., Rm B102
4670-LTS0020	Emergency Lighting - Bment SE Wall, Rm B103
4670-LTS0021	Emergency Lighting - Bsmt N.E, Rm B101
4670-LTS0022	Emergency Lighting - N. Leg 12th Level
4670-LTS0023	Emergency Lighting - 1st Fl S.E, Rm 101
4670-LTS0024	Emergency Lighting - 1st Fl SE Office, Rm 100
4670-MCC0001	Motor Control Center, Rm B103/Rm E01
4670-MCC0002	Motor Control Center, Rm B100/Rm E02
4670-MCC0003	Motor Control Center, Level 11, SW Leg
4670-PMP0001	Circulating Pump, NE Leg , Bsmt, Rm B100 - Disconnect at pump
4670-PMP0004	Water Pump, NE Leg of Bsmt, Rm B100 - Disconnect at pump
4670-PNL0001	Panel Board, Rm B103/Rm E01
4670-PNL0002	Panel Board, Rm B103/Rm E01
4670-PNL0003	Panel Board, Rm B103/Rm E01
4670-PNL0004	Panel Board, Rm B103/Rm E01
4670-PNL0005	Panel Board, Rm B103/Rm E01
4670-PNL0006	Panel Board, Rm B103/Rm E01
4670-PNL0007	Panel Board, Rm B103/Rm E01
4670-PNL0008	Panel Board, Rm B103/Rm E01
4670-PNL0009	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0010	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0011	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0012	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0013	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0014	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0015	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0016	Panel Board, Cable Terminal Area, Rm B102
4670-PNL0017	Panel Board, Rm B100/Rm E02
4670-PNL0018	Panel Board, Rm B100/Rm E02
4670-PNL0019	Panel Board, 15th Level, SE Leg
4670-PNL0020	Panel Board, Level 10, SW Leg
4670-PNL0021	Panel Board, 10th Level, SE Leg
4670-PNL0022	Panel Board, 10th Level, SE Leg
4670-PNL0023	Panel Board, 12th Level, SE Leg
4670-PNL0024	Panel Board, 12th Level, SE Leg
4670-PNL0025	Panel Board, 1st Floor, NE Leg, Rm 100
4670-PNL0026	Panel Board, Level 12, NE Leg
4670-PNL0027	Panel Board, Level 10 1/2, NE Leg
4670-PNL0028	Panel Board, Level 10, NE Leg
4670-PNL0029	Panel Board, Level 9, NE Leg
4670-PNL0030	Panel Board, Level 8, NE Leg
4670-PNL0031	Panel Board, Level 8, NE Leg
4670-PNL0032	Panel Board, Level 8, NE Leg
4670-PNL0033	Panel Board, Level 10 NW Leg
4670-PNL0034	Panel Board, Level 10 NE Leg
4670-PNL0035	Panel Board, Rm 102 SW Leg
4670-PNL0036	Panel Board, Rm B101
4670-PNL0037	Panel Board, Rm B101

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4670-PWRC0001	Power Controller, Room B100, E-02
4670-PWRS0001	Power Supply, Level 1, S. E. Leg
4670-PWRS0002	Power Supply, Level 1, S. E. Leg
4670-PWRS0003	Power Supply, Room B103, E-01
4670-PWRS0004	Power Supply, Room B103, E-01
4670-RECT0003	Rectifier, Level 2, N. E. Leg
4670-RECT0004	Rectifier, Level 10, N. E. Leg
4670-RLY0001	Relay, Room B103, E-01
4670-ROOF0001	Roof, Main, Bldg 4670
4670-ROOF0002	Roof, Bldg 4670
4670-ROOF0003	Roof, Bldg 4670
4670-ROOF0004	Roof, Bldg 4670
4670-ROOF0005	Roof, Bldg 4670
4670-ROOF0006	Roof, Bldg 4670
4670-ROOF0007	Roof, Bldg 4670
4670-SH0001	Safety Shower, 12th Level, REMOVED 2/4/05
4670-SHEW0001	Safety Shower & Eyewash, NW Outside
4670-SHEW0002	Safety Shower & Eyewash, 15th Level, REMOVED 2/4/05
4670-SHEW0003	Safety Shower & Eyewash, Btwn 14 & 15 Levels, REMOVED 2/4/05
4670-SPMP001A	Sump Pump, NE Leg of Bsmt, Rm B100 - Disconnect at pump
4670-SPMP001B	Sump Pump, NE Leg of Bsmt, Rm B100
4670-SPMP001C	Sump Pump, NE Leg of Bsmt, Rm B100
4670-SPMP002A	Sump Pump, SE Leg, Bsmt, Rm B103 - Disconnect at pump
4670-SPMP002B	Sump Pump, SE Leg, Bsmt, Rm B103 - Disconnect at pump
4670-SPMP003A	Sump Pump, Outside North, in Pit - Disconnect at pump
4670-SPMP003B	Sump Pump, Outside North, in Pit - Disconnect at pump
4670-SPMP003C	Sump Pump, Outside North, in Pit - Disconnect at pump
4670-SPMP004A	Sump Pump, SE Corner in Trench - Disconnect at pump
4670-SPMP004B	Sump Pump, In Trench SE Corner - Disconnect at pump
4670-SPMP004C	Sump Pump, SE Corner in Trench - Disconnect at pump
4670-SPMP005A	Sump Pump, West of Pond - Disconnect at pump
4670-SPMP005B	Sump Pump, West of Pond - Disconnect at pump
4670-SS0001	Safety Switch, Room B103, E-01
4670-SS0002	Safety Switch, Room B103, E-01
4670-SS0003	Safety Switch, Room B103, E-01
4670-SS0004	Safety Switch, Room B103, E01
4670-SS0005	Safety Switch, Room B103, E-01
4670-SS0006	Safety Switch, Room B103, E-01
4670-SS0007	Safety Switch, Room B103, E-01
4670-SS0008	Safety Switch, Room B103, E-01
4670-SS0009	Safety Switch, Room B101
4670-SS0010	Safety Switch, Room B100, E-02
4670-SS0011	Safety Switch, Room B100, E-02
4670-SS0012	Safety Switch, Room B100, E-02
4670-SS0013	Safety Switch, Room B100, E-02
4670-SS0014	Safety Switch, Room B100, E-02
4670-SS0015	Safety Switch, Room B100, E-02
4670-SS0016	Safety Switch, Room B100, E-02
4670-SS0017	Safety Switch, Room 101, S. E. Leg
4670-SS0018	Safety Switch, Room 101, S. E. Leg
4670-SS0019	Safety Switch, Room 101, S. E. Leg
4670-SS0020	Safety Switch, Room 101, S. E. Leg
4670-SS0021	Safety Switch, Room 101, S. E. Leg

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4670-SS0022	Safety Switch, Room 101, S. E. Leg
4670-SS0023	Safety Switch, 11TH Floor
4670-SS0024	Safety Switch, Level 15, S. E. Leg
4670-SS0025	Safety Switch, Level 10, N. E. Leg, In Rm
4670-SS0026	Safety Switch, Level 11, N. E. Leg, In Rm
4670-SS0027	Safety Switch, Level 10, N. E. Leg
4670-SS0028	Safety Switch, Level 9, N. E. Leg, In Rm
4670-SS0029	Safety Switch, Level 8, N. E. Leg, In Rm
4670-SS0030	Safety Switch, Room 103, N. W. Leg
4670-SS0031	Safety Switch, Room 103, N. W. Leg
4670-SS0032	Safety Switch, Room 103, N. W. Leg
4670-SS0033	Safety Switch, Level 8, N. E. Leg
4670-SS0034	Safety Switch, Level 7, N. E. Leg Stairs
4670-SS0035	Safety Switch, Level 12, Platform Ctr. Area
4670-SS0036	Safety Switch, Level 10, S. W. Leg
4670-SS0037	Safety Switch, Level 10, S. W. Leg
4670-SS0038	Safety Switch, Level 10, N. W. Leg
4670-SS0039	Safety Switch, Level 10, N. W. Leg
4670-SS0040	Safety Switch, Level 12, Pltfrm. Ne Area
4670-SS0041	Safety Switch, Level 11, Pltfrm. Crane
4670-SS0042	Safety Switch, Level 1, Outside S. E. Leg
4670-SS0043	Safety Switch, N. Yard, Storm Water Sump
4670-SS0044	Safety Switch, N. Yard, Storm Water Sump
4670-SS0086	Safety Switch, Room 116, W. Wall
4670-STRT0001	Starter, Room B103, E-01
4670-STRT0002	Starter, Room B103, E-01
4670-STRT0003	Starter, Room B103, E-01
4670-STRT0004	Starter, Room B103, E-01
4670-STRT0005	Starter, Room B103, E-01
4670-STRT0006	Starter, Room B103, E-01
4670-STRT0007	Starter, Room B103, E-01
4670-STRT0008	Starter, Room B103, E-01
4670-STRT0009	Starter, Room B103, E-01
4670-STRT0010	Starter, Room B100
4670-STRT0011	Starter, Room B100
4670-STRT0012	Starter, Room B100
4670-STRT0013	Starter, Room B100
4670-STRT0014	Starter, Room B100
4670-STRT0015	Starter, Room B100
4670-STRT0016	Starter, Room 100
4670-STRT0017	Starter, Level 11, N. E. Leg, In Rm.
4670-STRT0018	Starter, Room 103
4670-STRT0019	Starter, Room B103, E-01
4670-STRT0020	Starter, Level 7, N. E. Leg Stairs
4670-STRT0021	Starter, N. W. Leg, Outside
4670-STRT0022	Starter, N. Yard, Lox Tsfr. Sys.
4670-STRT0023	Starter, N. Yard, Lox Tsfr. Sys.
4670-STRT0024	Starter, N. Yard, Storm Water Sump
4670-STRT0025	Starter, N. Yard Storm Water Sump
4670-SWBD0001	Switch Board, Rm B103/Rm E01
4670-UH0001	Unit Heater Steam, Ne Leg Basement
4670-UPC0001	Unit Power Center, Rm B103/Rm E01
4670-UPC0002	Unit Power Center, Rm B103/Rm E01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4670-UPS0001	UPS Power System, Bsmt, SE Leg, Rm B103
4670-VSC0001	Variable Speed Controller, Room B100, E-02
4671-ACMP0001	Air Compressor, Rm 108/Rm E01 - Disconnect room E1
4671-CNDP0001	Condensate Pump, Rm 108/Rm E01 - Disconnect room E1
4671-CNDP0002	Condensate Pump, Rm 108/Rm E01 - Disconnect room E1
4671-CONT0001	Contactora, High Bay, E. Wall
4671-CRN0001	20-Ton Bridge Crane, High Bay, Rm 101 - Disconnect at SOUTH WALL
4671-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4671-DOOR0002	Roll-Up Door, West Side - Disconnect at door
4671-DXAC0001	Direct Expansion AC Unit, Outside North - Disconnect at unit
4671-FAS0001	Fire Alarm System, High Bay
4671-HWHD0001	Hot Water Heater - Domestic, Rm 102 - Disconnect at heater
4671-LTS0001	Emergency Lighting - High Bay W. Wall, Rm 101
4671-LTS0002	Emergency Lighting - High Bay N. Wall, Rm 101
4671-LTS0003	Emergency Lighting - Hall-E entr H-bay, Rm 101
4671-LTS0004	Emergency Lighting - Mezzanine, Rm 201
4671-LTS0005	Emergency Lighting - Rm 108/Rm E01 South wall
4671-PNL0001	Panel Board, High Bay, East Side, Rm 101
4671-PNL0002	Panel Board, High Bay, East End, Rm 101
4671-PNL0003	Panel Board, High Bay, East End, Rm 101
4671-PNL0004	Panel Board, East Wall
4671-PNL0005	Panel Board, Mezzanine, Rm 201
4671-PNL0006	Panel Board, Rm 109
4671-ROOF0001	Roof, Main, Bldg 4671
4671-ROOF0002	Roof, North, Bldg 4671
4671-ROOF0003	Roof, West, Bldg 4671
4671-SS0001	Safety Switch, Room 109
4671-SS0002	Safety Switch, High Bay, N. Wall
4671-SS0003	Safety Switch, High Bay, S. Wall
4671-SS0004	Safety Switch, High Bay, S. Wall
4671-SS0005	Safety Switch, High Bay, S. Wall
4671-SS0006	Safety Switch, High Bay, S. Wall
4671-SS0007	Safety Switch, High Bay, S. Wall
4671-SS0008	Safety Switch, High Bay, S. Wall
4671-SS0009	Safety Switch, High Bay, S. Wall
4671-SS0010	Safety Switch, High Bay, E. Wall
4671-STRT0001	Starter, Room 108, E-01
4671-STRT0002	Starter, Room 108, E-01
4671-STRT0003	Starter, Room 108, E-01
4671-SWBD0001	Switch Board, High Bay, Rm 101
4671-UH0001	Unit Heater Steam, High Bay
4671-UH0002	Unit Heater, Steam, High Bay
4671-UH0003	Unit Heater, Steam, High Bay
4671-XFMR0001	Transformer, High Bay, Rm 101
4671-XFMR0002	Transformer, High Bay East, Rm 101
4671-XFMR0003	Transformer, Mezzanine, Rm 201
4672-LROD0001	Lightning Protection System, Top of Tank
4672-SHEW0001	Safety Shower & Eyewash, North Side
4672-SPMP001	Sump Pump, North Side Pit - Disconnect at pump
4673-PNL0001	Panel Board,
4673-SHEW0001	Safety Shower & Eyewash, S. Side E. Wall Outside
4674-ACMP0001	Air Compressor Controller, Rm 103 - Disconnect at compressor
4674-ADRY0001	Air Dryer, Rm 103 - Disconnect at dryer

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4674-AH0001	Air Handling Unit, Rm 103 - Disconnect on unit
4674-AH0002	Air Handling Unit, Rm 103 - Disconnect on unit
4674-AH0003	Air Handling Unit, Rm 103 - Disconnect on unit
4674-AH0007	Air Handling Unit, Rm 125 - Disconnect on unit
4674-ATS0001	Auto Transfer Switch, Rm 125/Rm E01
4674-BATB0001	Battery Bank, Rm 125
4674-BATB0002	Battery Bank, Rm 125
4674-BFP0001	Back Flow Preventer - Hot/Chilled Water, Rm E2
4674-CBP0001	Circuit Breaker Panel, Room 125, E-01
4674-CBP0002	Circuit Breaker Panel, Room 125, E-01
4674-CBP0003	Circuit Breaker Panel, Room 125, E-01
4674-CBP0004	Circuit Breaker Panel, Room 125, E-01
4674-CBP0005	Circuit Breaker Panel, Room 125, E-01
4674-CBP0007	Circuit Breaker Panel, Room 125, E-01
4674-CBP0008	Circuit Breaker Panel, Room 125, E-01
4674-CBP0009	Circuit Breaker Panel, Room 101
4674-CBS0001	Circuit Breaker Starter, Room 125, E-01
4674-CHLR0001	Water Chiller, Rm 103
4674-CHWP0001	Chill Water Pump, Rm 103 - Disconnect at pump
4674-CHWP0001	Chill Water Pump, Rm 103 - Disconnect at pump
4674-CHWP0002	Chill Water Pump, Rm 103 - Disconnect at pump
4674-CNDP0001	Condensate Pump, Rm 103 - Disconnect at pump
4674-CNDP0002	Condensate Pump, Rm 103 - Disconnect at pump
4674-COIL001A	Chilled Water Coil, AH0001, Rm 103
4674-COIL001B	Hot Water/Steam Coil, AH0001, Rm 103
4674-COIL002A	Chilled Water Coil, AH0002, Rm 103
4674-COIL002B	Hot Water/Steam Coil, AH0002, Rm 103
4674-COIL003A	Chilled Water Coil, AH0003, Rm 103
4674-COIL003B	Hot Water/Steam Coil, AH0003, Rm 103
4674-COIL007A	Chilled Water Coil, AH0007, Rm 125
4674-COIL007B	Hot Water/Steam Coil, AH0007, Rm 125
4674-CTWR0001	Cooling Tower, Outside West - Disconnect on West side
4674-CWP0001	Condenser Water Pump, Outside West - Disconnect at pump
4674-CWP0002	Condenser Water Pump, Outside West - Disconnect at pump
4674-DUMB0001	Dumbwaiter, Rm 111
4674-EAF0001	Exhaust Blower Fan, Rm 103 - Disconnect at fan motor
4674-EAF0002	Exhaust Blower Fan, Rm 103 - Disconnect at fan motor
4674-EW0001	Safety Eyewash, Rm 125
4674-EW0002	Safety Eyewash, Rm 125
4674-FAS0001	Fire Alarm System, South Entrance
4674-FID0001	Field Interface Device, Rm 103
4674-GEN0001	Emergency Generator, Outside East
4674-HTR0001	Heater Unit, Rm 103 - Disconnect at unit
4674-HTR0002	Heater Unit, Rm 103 - Disconnect at unit
4674-HWHD0001	Hot Water Heater - Domestic, Rm 120 - Disconnect at heater
4674-HWHD0002	Hot Water Heater - Domestic, Rm 120 - Disconnect at heater
4674-HWP0001	Hot Water Pump, Rm 103 - Disconnect at pump
4674-HWP0002	Hot Water Pump, Rm 103 - Disconnect at pump
4674-ICE0001	Ice Machine, Rm 119 - Disconnect at machine
4674-LROD0001	Lightning Protection System, Roof
4674-LTS0001	Emergency Lighting - Rm 113
4674-LTS0002	Emergency Lighting - Rm 101
4674-LTS0003	Emergency Lighting - Stairs Up From Rm 123

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4674-LTS0004	Emergency Lighting - Rm 213
4674-LTS0005	Emergency Lighting - Hall by Rm 208
4674-LTS0006	Emergency Lighting - Rm 208A S. Wall
4674-LTS0007	Emergency Lighting - Rm 208A by Computer Door
4674-LTS0008	Emergency Lighting - Rm 208 By door W. wall
4674-LTS0009	Emergency Lighting - Rm 208D
4674-LTS0010	Emergency Lighting - Rm 208F
4674-MCC0001	Motor Control Center, Rm 103
4674-MCC0002	Motor Control Center, Rm 125
4674-MG0001	Electric Motor Generator, Rm 125
4674-MG0002	Electric Motor Generator, Rm 125
4674-MG0003	Electric Motor Generator, Rm 125
4674-MG0004	Electric Motor Generator, Rm 125
4674-MTS0001	Manual Transfer Switch, Rm 125
4674-PNL0001	Panel Board, Rm 125
4674-PNL0002	Panel Board, Rm 125
4674-PNL0003	Panel Board, Rm 125
4674-PNL0004	Panel Board, Rm 125
4674-PNL0005	Panel Board, Rm 125
4674-PNL0006	Panel Board, Rm 125
4674-PNL0007	Panel Board, RM 125
4674-PNL0008	Panel Board, Rm 125
4674-PNL0009	Panel Board, Rm 125
4674-PNL0010	Panel Board, Hallway Outside Rm 125
4674-PNL0011	Panel Board, Hallway on 1st Floor
4674-PNL0012	Panel Board, Rm 113E
4674-PNL0013	Panel Board, RM 113E
4674-PNL0014	Panel Board, Hallway on 2nd Floor
4674-PNL0015	Panel Board, Rm 101
4674-PNL0016	Panel Board, Hallway on 2nd Floor
4674-PNL0017	Panel Board, Hallway on 2nd Floor
4674-PNL0018	Panel Board, Hallway on 2nd Floor
4674-PNL0019	Panel Board, Hallway on 2nd Floor
4674-PNL0020	Panel Board, Rm 208
4674-PNL0021	Panel Board, Rm 208
4674-PNL0022	Panel Board, Rm 208
4674-PNL0023	Panel Board, Rm 208
4674-PNL0024	Panel Board, Rm 208
4674-PNL0025	Panel Board, Rm 204
4674-PNL0026	Panel Board, Rm 204
4674-ROOF0001	Roof, Main, Bldg 4674
4674-ROOF0002	Roof, North, Bldg 4674
4674-SS0001	Safety Switch, Room 125, E-01
4674-SS0002	Safety Switch, Room 125, E-01
4674-SS0003	Safety Switch, Room 125, E-01
4674-SS0004	Safety Switch, Room 125, E-01
4674-SS0005	Safety Switch, Room 125, E-01
4674-SS0006	Safety Switch, Room 125, E-01
4674-SS0007	Safety Switch, Room 101
4674-SS0008	Safety Switch, Room 103, E-02
4674-SS0009	Safety Switch, Room 103, E-02
4674-SS0010	Safety Switch, Room 103, E-02
4674-SS0011	Safety Switch, Room 205

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4674-SSS0001	Starter Safety Switch, Basement Area
4674-STRT0001	Starter, Room 125, E-01
4674-STRT0002	Starter, Room 125, E-01
4674-STRT0003	Starter, Room 125, E-01
4674-STRT0004	Starter, Room 125, E-01
4674-STRT0005	Starter, Room 125, E-01
4674-STRT0006	Starter, Room 125, E01
4674-STRT0007	Starter, Room 103, E-02
4674-STRT0009	Starter, Room 125, E01
4674-STRT0010	Starter, Room 125, E01
4674-STRT0011	Starter, Room 125, E01
4674-SUB0001	Substation, South Side
4674-SWBD0001	Switch Board, Rm 125
4674-SWBD0002	Switch Board, Rm 125
4674-TMR0001	Timer, Room 125, E-01
4674-TMR0002	Timer, Room 103, E-02
4674-UH0001	Unit Heater Steam, E-1
4674-UH0002	Unit Heater Steam, E-1
4674-UPS0001	UPS Power System, Rm 125
4674-XFMR0001	Transformer, Rm 125
4674-XFMR0002	Transformer, Rm 125
4675-ACMP0001	Air Compressor Controller - Disconnect at compressor
4675-BLR0001	Steam Boiler - Disconnect at boiler
4675-BLR0002	Steam Boiler - Disconnect at boiler
4675-BLR0003	Steam Boiler - Disconnect at boiler
4675-DFWT0001	De-Aerating Feed-water Tank, Rm 100
4675-EW0001	Safety Eyewash, Portable, Rm, Inside
4675-FAS0001	Fire Alarm System, West Wall
4675-FWP0001	Feed Water Pump, South End - Disconnect at electrical panel
4675-FWP0002	Feed Water Pump, South End Inside - Disconnect at pump
4675-HTR0001	Heater Unit - Disconnect at unit
4675-HTR0002	Heater Unit - Disconnect at unit
4675-HTR0003	Unit Heater,
4675-MCC0001	Motor Control Center, North Wall
4675-MCC0002	Motor Control Center, Outside, North
4675-PMP0001	Fuel Pump - Disconnect at panel
4675-PMP0002	Fuel Pump - Disconnect at panel
4675-PMP0003	Fuel Pump - Disconnect at panel
4675-PMP0004	Fuel Pump, Outside By Fuel Tank
4675-PNL0001	Panel Board, North Wall
4675-PNL0002	Panel Board, North Wall
4675-ROOF0001	Roof, Main, Bldg 4675
4675-SHEW0001	Safety Shower & Eyewash, North End Side
4675-SPMP001	Sump Pump, Under Grating - Disconnect at pump
4675-SS0001	Safety Switch, Room 100
4675-SS0002	Safety Switch, Room 100
4675-SS0003	Safety Switch, Room 100
4675-SS0004	Safety Switch, Room 100
4675-SS0005	Safety Switch, Room 100
4675-SS0006	Safety Switch, Outside, West
4675-SS0007	Safety Switch, Outside W.
4675-STRT0001	Starter, Room 100
4675-TANK0001	Diesel Storage Tank

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4675-VSC0001	Variable Frequency Drive, East Wall
4675-WSFT0001	Water Softener
4675-WSFT0002	Water Softener
4675-XFMR0001	Transformer, North Wall
4676-CONT0001	Contact, Room 101, W. Wall
4676-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4676-FAS0001	Fire Alarm System, West Wall
4676-HST0001	1-Ton Chain Hoist, High Bay, Rm 103
4676-HST0002	1-Ton Chain Hoist, High Bay, Rm 103
4676-HTR0001	Unit Heater, Steam, High Bay
4676-HTR0002	Unit Heater, Steam, High Bay
4676-HTR0003	Unit Heater, Steam, High Bay
4676-HTR0004	Unit Heater, Electric, Office
4676-HWHD0001	Hot Water Heater - Domestic, Rest Room - Disconnect at heater
4676-LROD0001	Lightning Protection System, Roof
4676-LTS0001	Emergency Lighting - High Bay, S Wall E. End, Rm 103
4676-MCC0001	Motor Control Center, West Wall
4676-ODT0001	Oxygen Detection System, Building 4676
4676-PNL0001	Panel Board, West Wall
4676-PNL0002	Panel Board, West Wall
4676-PNL0003	Panel Board, West Wall
4676-ROOF0001	Roof, Main, Bldg 4676
4676-SAF0001	Ventilation Fan, Outside, S. End
4676-SHEW0001	Safety Shower & Eyewash, Hydrogen Storage
4676-SHEW0002	Safety Shower & Eyewash, Hydrogen Storage
4676-SS0001	Safety Switch, Room 103, W. Wall
4676-STRT0001	Starter, Room 103, W. Wall
4676-STRT0002	Starter, Room 103, W. Wall
4676-XFMR0001	Transformer, West Wall
4677-DOOR0001	Roll-Up Door, West Side
4677-HTR0001	Electric Unit Heater, Rm 100
4677-PNL0001	Panel Board, Interior
4677-ROOF0001	Roof, Main, Bldg 4677
4677-ROOF0002	Roof, East, Bldg 4677
4677-SH0001	Safety Shower, Rm 100
4678-ACMP0001	Air Compressor Control, Rm 101/Rm E01 - Disconnect room E1
4678-CBP0001	Circuit Breaker Panel, Room 102, Office
4678-CBP0002	Circuit Breaker Panel, Room 102, Office
4678-DOOR0001	Manual Roll-up Door, Northeast Side, Rm 100
4678-DOOR0002	Manual Sliding Door, South Side. Rm 100
4678-EW0001	Safety Eye Wash, Inside Cntr, Rm 100
4678-HTR0001	Unit Heater, Steam, Bathroom
4678-HTR0002	Unit Heater, Steam, E-1, Rm 101
4678-HTR0003	Unit Heater, Steam, High Bay N. End
4678-HTR0004	Unit Heater, Steam, High Bay, N End
4678-HTR0005	Unit Heater, Steam, High Bay W. Wall
4678-HTR0006	Unit Heater, Steam, High Bay, W. Wall
4678-HTR0007	Unit Heater, Steam, High Bay, W. Wall
4678-HTR0008	Unit Heater, Steam, Storage Room
4678-HWH0001	Hw Heater Domestic, Rm. 101, Se Corner, Outside
4678-HWH0002	Hw Heater Domestic, Rm. 103
4678-PNL0001	Panel Board, Interior, Rm 105
4678-PNL0002	Panel Board, Room 105

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4678-ROOF0001	Roof, Main, Bldg 4678
4678-SS0001	Safety Switch, Shop, S. Wall
4678-SS0002	Safety Switch, Room 102, Office
4678-SS0003	Safety Switch, Room 105
4678-SS0004	Safety Switch, Room 105
4678-STRT0001	Starter, Room 102, Office
4678-UH0001	Unit Heater, Electric, Rm 100, E Wall
4678-UH0002	Unit Heater, Electric, Rm 100, N Wall
4678-UH0003	Unit Heater, Electric, Rm 100, NW Wall
4678-UH0004	Unit Heater, Electric, Rm 100, W Wall
4678-UH0005	Unit Heater, Electric, Rm 100, S Wall
4678-UH0006	Unit Heater, Electric, Rm 104
4678-UH0007	Unit Heater, Electric, Rm 103
4678-UH0008	Unit Heater, Electric, Rm 101
4679-HTR0001	Heater Unit, Inside Bldg 4679 - Disconnect at unit
4679-MCC0001	Motor Control Center, North Wall
4679-PNL0001	Panel Board, West Wall
4679-PNL0002	Panel Board, Interior
4679-ROOF0001	Roof, Main, Bldg 4679
4679-SWBD0001	Switch Board, South Wall
4679-XFMR0001	Transformer, West Wall
4680-PNL0001	Panel Board, Inside Bldg 4680
4680-PNL0002	Panel Board, Inside Bldg 4680
4680-PNL0003	Panel Board, Inside Bldg 4680
4680-ROOF0001	Roof, Main, Bldg 4680
4680-ROOF0002	Roof, Bldg 4680
4680-SHEW0001	Safety Shower & Eyewash, Tank Farm
4680-SHEW0002	Safety Shower & Eyewash, West, Bldg 4680
4680-SS0001	Safety Switch, Nw Bldg.Pole Mounted
4680-STRT0001	Starter, Nw Bldg.Pole Mounted
4680-UH0001	Unit Heater, Electric, Rm 100
4680-XFMR0001	Transformer, Pole Mounted, NW, Bldg 4680
4681-LTS0001	Emergency Lighting - Room 100
4681-LTS0002	Emergency Lighting - Room 101
4681-LTS0003	Emergency Lighting - Room 102
4681-ROOF0001	Roof, Main, Bldg 4681
4682-PNL0001	Panel Board, Outside South
4682-ROOF0001	Roof, Main, Bldg 4682
4684-PNL0001	Panel Board, Outside N
4685-DOOR0001	Roll-Up Door, East Side
4688-CBX0001	Control Box, W.Outside
4688-DOOR0001	Sliding Door, Manual, Main Entrance
4688-ROOF0001	Roof, Main, Bldg 4688
4688-SS0001	Safety Switch, W.Outside
4688-SS0002	Safety Switch, Inside
4692-ADRY0001	Air Dryer, West Wall - Disconnect at dryer
4692-ATS0001	Auto Transfer Switch
4692-GEN0001	Emergency Generator, North Side
4692-PNL0001	Panel Board
4692-ROOF0001	Roof, Main, Bldg 4692
4692-SS0001	Safety Switch, Inside
4692-SS0002	Safety Switch, Inside
4692-SS0003	Safety Switch, Inside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4692-SS0004	Safety Switch, Inside
4692-UH0001	Unit Heater, Electric, Rm 100
4694-ROOF0001	Roof, Main, Bldg 4694
4694-SHEW0001	Safety shower and eyewash station
4696-AH0002	Air Handling Unit, Rm 1 - Disconnect on unit
4696-AH0003	Air Handling Unit, Rm 1 - Disconnect on unit
4696-ATS0001	Auto Transfer Switch, Rm 3/Rm E03
4696-BATB0001	Battery Bank, Building 4696
4696-CBP0001	Circuit Breaker, Rm E3
4696-CBP0002	Circuit Breaker, Basement E3
4696-CHLR0001	Water Chiller, Rm 1
4696-CHWP0001	Chill Water Pump, Rm 1
4696-CNDP0001	Condensate Pump, Rm 1
4696-CNDP0002	Condensate Pump, Rm 1
4696-COIL002A	Chilled Water Coil, AH0002, Rm 1
4696-COIL002B	Hot Water/Steam Coil, AH0002, Rm 1
4696-COIL003A	Chilled Water Coil, AH0003, Rm 1
4696-COIL003B	Hot Water/Steam Coil, AH0003, Rm 1
4696-CONT0001	Contactor, Rm E3
4696-CONT0002	Contactor, Basement E3
4696-CONT0003	Contactor, Basement E3 (4)
4696-CONT0004	Contactor, Room 103
4696-CRN0001	Crane 100 Ton, Top Of
4696-DERK0001	100-Ton Stiffleg Derrick, Roof - Disconnect at CONTROL CABINET
4696-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4696-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4696-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4696-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4696-ELEV0001	Cable Elevator, Center of Stand - Disconnect at elevator
4696-FAP001	Control Panel, Basement E3
4696-FAS0001	Fire Alarm System, Basement
4696-FAS0001	Fire Alarm System, Basement
4696-HWHD0001	Hot Water Heater - Domestic, 3rd Floor - Disconnect at heater
4696-LTS0001	Aviation Lights, Roof
4696-MCC0001	Motor Control Center, Rm 3/Rm E03
4696-MG0001	Electric Motor Generator, Basement E3
4696-PMP0001	Potable Water Pump, Rm 1
4696-PMP0002	Potable Water Pump, Rm 1
4696-PMP0003	Transfer Pump, West Outside
4696-PNL0001	Panel Board, Rm 3/Rm E03
4696-PNL0002	Panel Board, Rm 3/Rm E03
4696-PNL0003	Panel Board, Rm 3/Rm E03
4696-PNL0004	Panel Board, Rm 3/Rm E03
4696-PNL0005	Panel Board, Rm 3/Rm E03
4696-PNL0006	Panel Board, Rm 3/Rm E03
4696-PNL0007	Panel Board, Rm 102
4696-PNL0008	Panel Board, Rm 102
4696-PNL0009	Panel Board, Control Area
4696-PNL0010	Panel Board, Control Area
4696-PNL0011	Panel Board, Control Area
4696-PNL0012	Panel Board, Control Area
4696-PNL0013	Panel Board, Control Area
4696-PNL0014	Panel Board, Control Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4696-PNL0015	Panel Board, 9th Level
4696-PS0001	Power Supply, Basement E3
4696-PS0002	Power Supply, Basement E3
4696-REC0001	Rectifier, Basement E3 (3)
4696-ROOF0001	Roof, Main, Bldg 4696
4696-ROOF0002	Roof, West South, Main, Bldg 4696
4696-SHEW0001	Safety Shower and Eyewash, 9th Floor
4696-SHEW0002	Safety Shower and Eyewash, 7th Floor
4696-SPMP0002	Sump Pump, West Outside
4696-SPMP0003	Sump Pump, South West Outside
4696-SPMP001A	Sump Pump, West Outside
4696-SPMP001B	Sump Pump, West Outside
4696-SS0001	Disconnect Switch, Room E3
4696-SS0001	Disconnect Switch, Room E3
4696-SS0002	Safety Switch, Basement E3
4696-SS0003	Safety Switch, Room 103
4696-SS0004	Safety Switch, Shop Area
4696-SS0005	Safety Switch, Room 103
4696-SS0006	Safety Switch, 1ST Floor
4696-SS0007	Safety Switch, 12TH Floor Outside
4696-SS0008	Safety Switch, 9TH Level Inside
4696-SS0009	Safety Switch, E.Outside
4696-SSS001	Starter Safety Switch, 7TH Level Inside
4696-STRT0001	Starter, Basement E1
4696-STRT0002	Starter, 1ST Floor
4696-UH0001	Unit Heater, Electric, 1st Floor Elev Shaft
4696-UH0002	Unit Heater, Electric, 9th Floor Elev Shaft
4696-UH0003	Unit Heater, Electric, Rest Room
4696-UPC0001	Unit Power Center, Rm 3/Rm E03
4696-UPC0002	Unit Power Center, Rm 3/Rm E03
4696-XFMR0001	Transformer, 12th Floor
4697-TANK0001	Gasoline Storage Tank
4698-ROOF0001	Roof, Main, Bldg 4698
4699A-CBS0001	Circuit Breaker Starter, Inside
4699A-CONT0001	Contactor, Inside
4699A-CONT0004	Contactor, Inside
4699A-DXAC0001	Direct Expansion AC Unit, Outside West - Disconnect at unit
4699A-LTS0001	Emergency Lighting
4699A-PNL0001	Panel Board, Inside
4699A-PNL0002	Panel Board, Inside
4699A-PNL0003	Panel Board, Inside
4699A-PNL0004	Panel Board, Inside
4699A-PNL0005	Panel Board, Inside
4699A-ROOF0001	Roof, Main, Bldg 4699A
4699A-SS0001	Safety Switch, Inside
4699A-SS0002	Safety Switch, Inside
4699A-STRT0001	Starter, Inside (2)
4699A-XFMR0001	Transformer, Inside
4699-CBP0001	Circuit Breaker Panel, Inside 4699A
4699-CONT0001	Contactor, Hydraulic Pump Room
4699-DXAC0001	Air Handling Unit, Test Stand
4699-LC0001	Lighting Contactor, Inside 4699A
4699-LROD0001	Lightning Protection System, Roof

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4699-LTS0001	Emergency Lighting - Locked Door
4699-PNL0006	Panel Board, Inside 4699A
4699-PNL0007	Panel Board, South White Bldg.
4699-SHEW0001	Safety Shower & Eyewash, Btwn Tower and 4630
4699-SS0002	Safety Switch, 3RD Level, Test Stand
4699-SS0003	Safety Switch, Hydraulic Pump Room
4699-SS0004	Safety Switch, 4699A, Outside W.
4699-SS0005	Safety Switch, 4699A, West Wall
4699-STRT0001	Starter, 4699A, West Wall
4699-STRT0002	Starter, 4699A, West Wall
4699-STRT0003	Starter, 4699A, West Wall
4699-STRT0004	Starter, 4699A, West Wall
4699-STRT0005	Starter, 4699A, West Wall
4699-STRT0006	Starter, 4699A, South Wall
4699-STRT0007	Starter, 4699A, South Wall
469-UH0013	Unit Heater Steam, Rm 145 E Wall
4700-CBS0001	Circuit Breaker Starter, Pump P5
4700-CBS0002	Circuit Breaker Starter, Pump P2
4700-CBS0003	Circuit Breaker Starter, Pump P1
4700-CBS0004	Circuit Breaker Starter, Pump P3
4700-CBS0005	Circuit Breaker Starter, Ef-1
4700-CBS0006	Circuit Breaker Starter, Pump P4
4700-DOOR0001	Roll-Up Door, Manual, South Side
4700-FAC0001	Deionized Water Facility, Entire Facility
4700-LTS0001	Emergency Lighting - N. Wall, Rm 100
4700-LTS0002	Emergency Lighting - S. Wall, Rm 100
4700-PMP0001	Deionized Water Pump, West Side - Disconnect at pump
4700-PMP0004	Deionized Water Pump, West Side - Disconnect at pump
4700-PMP0005	Deionized Water Pump, South Wall - Disconnect at pump
4700-PMP0006	Deionized Water Pump, Southwest corner - Disconnect at pump
4700-PMP0006	Deionized Water Pump, Southwest corner - Disconnect at pump
4700-PMP0007	RO System Water Pump, RO System platform -
4700-PMP0008	RO System Water Pump, RO System platform -
4700-PMP0009	Chemical Metering Pump, RO System platform -
4700-PNL0001	Panel Board, West Wall Inside
4700-PNL0002	Panel Board, West Wall Inside
4700-ROOF0001	Roof, Main, Bldg 4700
4700-ROSYS0001	Reverse Osmosis DI System, West Wall
4700-SHEW0001	Safety Shower and Eyewash, Rm 100
4700-SHEW0003	Safety Shower and Eyewash, East Outside
4700-SHEW0004	Safety Shower and Eyewash, East Outside
4700-SPMP001	Sump Pump, West Outside - Disconnect at pump
4700-SS0001	Safety Switch, Outside, West
4700-STRT0001	Starter, West Wall
4700-UH0001	Unit Heater, Electric, Room 100
4700-UH0002	Unit Heater, Electric, Room 100
4700-XFMR0001	Transformer, NW Inside, Rm 100
4702-ACMP0001	Air Compressor Control, 113/Rm E01 - Disconnect E1 south wall
4702-ADRY0001	Air Dryer, Rm 113/Rm E01 - Disconnect room E1
4702-AH0001	Air Handling Unit, Rm 113/Rm E01 - Disconnect room E1
4702-BFP0001	Back Flow Preventer - Hot Water, Rm 113/Rm E01
4702-CBP0001	Circuit Breaker Panel, Room 117
4702-CBS0001	Circuit Breaker Starter, Room 118

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4702-CBS0002	Circuit Breaker Starter, Room 118
4702-CBS0003	Circuit Breaker Starter, Room E-01
4702-CBS0004	Circuit Breaker Starter, Room E-01
4702-CBS0005	Circuit Breaker Starter, Room E-01
4702-CBS0006	Circuit Breaker Starter, Room E-02
4702-CHLR0001	Water Chiller, Outside North
4702-CHWP0001	Chill Water Pump, Rm 113/Rm E01 - Disconnect room E1
4702-COIL001A	Chilled Water Coil, AH0001, Rm 113/E-1
4702-COIL001B	Hot Water/Steam Coil, AH0001, Rm 113/E-1
4702-DXAC0001	Direct Expansion AC Unit, Rm 116/Rm E02 - Disconnect at unit
4702-DXAC0001	Direct Expansion AC Unit, Rm 116/Rm E02 - Disconnect at unit
4702-DXAC0002	Direct Expansion AC Unit, Rm 117B - Disconnect at unit
4702-EAF0001	Exhaust Fan, Rm 113/Rm E01 - Disconnect at fan motor
4702-EW0001	Safety Eyewash, Rm 103
4702-EW0002	Safety Eyewash, Rm 117C, North Wall
4702-FAS0001	Fire Alarm System, Rm 111
4702-HST0001	Chain Hoist 1/2 Ton, Rm 106
4702-HST0002	2 Ton Electric Hoist, Rm 118 - Disconnect at NORTH WALL
4702-HWP0001	Hot Water Pump, Rm 113/Rm E01 - Disconnect room E1
4702-LTS0001	Emergency Lighting - Outside Rm 110
4702-LTS0002	Emergency Lighting - Outside Rm 104
4702-LTS0003	Emergency Lighting - Outside Rm 106
4702-LTS0004	Emergency Light, Room 100
4702-LTS0005	Emergency Light, Top Of Stairs At Rm. 203
4702-PNL0001	Panel Board, Rm E01
4702-PNL0002	Panel Board, Rm E01
4702-PNL0003	Panel Board, Rm E01
4702-PNL0004	Panel Board, Rm E01
4702-PNL0005	Panel Board, Rm E02
4702-PNL0006	Panel Board, Rm E02
4702-PNL0007	Panel Board, Rm E02
4702-ROOF0001	Roof, North Office Area, Bldg 4702
4702-ROOF0002	Roof, South Office Area, Bldg 4702
4702-ROOF0003	Roof, Equipment Room, Bldg 4702
4702-ROOF0004	Roof, South Entry Awning, Bldg 4702
4702-ROOF0005	Roof, North Awning, Bldg 4702
4702-ROOF0006	Roof, X-Ray Cell, Bldg 4702
4702-SS0001	Safety Switch, Room 103
4702-SS0002	Safety Switch, Room 103
4702-SS0003	Safety Switch, Room 117C
4702-SS0004	Safety Switch, Room 117A
4702-SS0005	Safety Switch, Room 118
4702-SS0006	Safety Switch, Room 118
4702-SS0007	Safety Switch, Room 118
4702-SS0008	Safety Switch, Room 118
4702-SS0009	Safety Switch, Room 109
4702-SS0010	Safety Switch, Room E-01
4702-SS0011	Safety Switch, Room E-01
4702-SS0012	Safety Switch, Room E-01
4702-SS0013	Safety Switch, Room E-01
4702-SS0014	Safety Switch, Room E-01
4702-SS0015	Safety Switch, Room E-01
4702-SS0016	Safety Switch, Room E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4702-SS0017	Safety Switch, Room E-01
4702-SS0018	Safety Switch, Room E-01
4702-SS0019	Safety Switch, Room E-01
4702-SS0020	Safety Switch, Outside North
4702-SS0021	Safety Switch, Outside West
4702-SS0022	Safety Switch, Outside East
4702-SS0023	Safety Switch, Room E-02
4702-SS0024	Safety Switch, Room E-02
4702-STRT0001	Starter, Outside East
4702-STRT0002	Starter, Outside East
4702-STRT0003	Starter, Room E-02
4702-STRT0004	Starter, Room E-02
4702-XFMR0001	Transformer, Room E-01
4702-XFMR0002	Transformer, Room E-02
4703-BFP0001	Back Flow Preventer - Chilled Water, Rm 101/Rm E01
4703-CHLR0001	Water Chiller, Rm 101/Rm E01
4703-CHWP0001	Chill Water Pump, Rm 101/Rm E01 - Disconnect room E1
4703-DOOR0001	Swinging Doors, North Side
4703-HTR0001	Steam Unit Heater, Center High Bay
4703-MCC0001	Motor Control Center, Rm 101/Rm E01
4703-PNL0001	Panel Board, Rm 101/Rm E01
4703-PNL0002	Panel Board, Rm 101/Rm E01
4703-PNL0003	Panel Board, South Side, Rm 100
4703-PNL0004	Panel Board, East Side, Rm 100
4703-PNL0005	Panel Board, Rm 102/Rm E02
4703-ROOF0001	Roof, Main, Bldg 4703
4703-ROOF0002	Roof, Bldg 4703
4703-ROOF0003	Roof, Bldg 4703
4703-SS0001	Safety Switch, Room 100
4703-SS0002	Safety Switch, Room 100
4703-SS0003	Safety Switch, Room 100
4703-SS0004	Safety Switch, Room 100
4703-SS0005	Safety Switch, Room 100
4703-SS0006	Safety Switch, Room 100
4703-SS0007	Safety Switch, Room 100
4703-SS0008	Safety Switch, Room 100
4703-SS0009	Safety Switch, Room 102, E-01
4703-SS0010	Safety Switch, Room 102, E-01
4703-SS0011	Safety Switch, Room 102, E-01
4703-SS0012	Safety Switch, Room 102, E-01
4703-SS0013	Safety Switch, Room 102, E-01
4703-SS0014	Safety Switch, Room 102, E-01
4703-SS0015	Safety Switch, Room 102, E-01
4703-SS0016	Safety Switch, Room 101
4703-SS0017	Safety Switch, Room 103
4703-SS0018	Safety Switch, Room 103
4703-STRT0001	Starter, East Wall
4703-STRT0002	Starter, S.E. Room
4703-STRT0003	Starter, Room 103
4703-VSC0001	Variable Speed Controller, Rm 101/Rm E01- Assoc. w/ CHWP
4703-XFMR0001	Transformer, East Side
4703-XFMR0002	Transformer, NE Corner
4703-XFMR0003	Transformer, North End

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4704-ACMP0001	Air Compressor, Inside
4704-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4704-DOOR0002	Roll-Up Door, South Side, Rm 100A - Disconnect at door
4704-DXAC0001	Direct Expansion AC Unit, Rm 100A Outside -
4704-EAF0001	Exhaust Blower Fan, High Bay, NW Side, Rm 100 - Disconnect at fan motor
4704-EAF0002	Exhaust Blower Fan, High Bay, NE Side, Rm 100 - Disconnect at fan motor
4704-FAS0001	Fire Alarm System, Rm 100, South Wall
4704-HST0001	5-Ton Tramrail Hoist, High Bay, Rm 100 - Disconnect at WEST WALL
4704-HTR0001	Unit Heater, Steam, High Bay
4704-HTR0002	Unit Heater, Steam, High Bay
4704-HTR0003	Unit Heater, Steam, High Bay
4704-HTR0004	Unit Heater, Steam, High Bay
4704-HTR0005	Unit Heater, Steam, High Bay
4704-HTR0006	Unit Heater, Steam, High Bay
4704-HTR0007	Unit Heater, Steam, High Bay
4704-HTR0008	Unit Heater, Steam, Vac. Furnace Rm.
4704-HTR0009	Unit Heater, Electric, Rm E-1
4704-HTR0010	Unit Heater, Electric, E-1
4704-HV0001	Heating Vent, High Bay, Platform on South Wall, E End
4704-HV0002	Heating Vent, High Bay, Platform on South Wall, W End
4704-HWHD0001	Hot Water Heater - Domestic, Heat Treat Area - Disconnect at heater
4704-HWP0001	Pump Hot Water, E-01
4704-HWP0002	Pump Hot Water, E-01
4704-LTS0001	Emergency Lighting - by Rm 100
4704-LTS0002	Emergency Lighting
4704-LTS0003	Emergency Lighting - High Bay by Rm 100
4704-PMP0001	Oil Circulating Pump, Heat Treat Area - Disconnect north wall
4704-PMP0002	Oil Circulating Pump, Heat Treat Area - Disconnect north wall
4704-PNL0001	Panel Board, High Bay, West Wall, Rm 100
4704-PNL0002	Panel Board, High Bay, North Wall, Rm 100
4704-PNL0003	Panel Board, High Bay, North Wall, Rm 100
4704-PNL0004	Panel Board, High Bay, North Wall, Rm 100
4704-PNL0005	Panel Board, High Bay, East Wall, Rm 100
4704-PNL0006	Panel Board, High Bay, East Wall, Rm 100
4704-ROOF0001	Roof, Main, Bldg 4704
4704-ROOF0002	Roof, Bldg 4704
4704-ROOF0003	Roof, Bldg 4704
4704-ROOF0004	Roof, Bldg 4704
4704-ROOF0005	Roof, Bldg 4704
4704-ROOF0006	Roof, Bldg 4704
4704-SS0001	Safety Switch, Room 100, E. Wall
4704-SS0002	Safety Switch, Room 100, N. Wall
4704-SS0003	Safety Switch, Room 100, N. Wall
4704-SS0004	Safety Switch, Room 100, N. Wall
4704-SS0005	Safety Switch, Room 100, W. Wall
4704-SS0006	Safety Switch, Room 100A
4704-SS0007	Safety Switch, Room 100, W. Wall
4704-SS0008	Safety Switch, Room 100, W. Wall
4704-SS0009	Safety Switch, Room 105
4704-SS0010	Safety Switch, Room 105
4704-SS0011	Safety Switch, Room 105
4704-SS0012	Safety Switch, Room 105
4704-SS0013	Safety Switch, Outside, West

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4704-SS0014	Safety Switch, Room 100, Mezzanine
4704-SS0015	Safety Switch, Room 100, Mezzanine
4704-STRT0001	Starter, Room 100, E. Wall
4704-STRT0002	Starter, Room 100, N. Wall
4704-STRT0004	Starter, Room 105
4704-STRT0005	Starter, Room 105
4704-STRT0006	Starter, Room 100, Mezzanine
4704-STRT0007	Starter, Room 100, Mezzanine
4704-SUB0001	Substation, North Side
4704-SWBD0001	Switch Board, High Bay, North Wall, Rm 100
4704-SWBD0002	Switch Board, Room 100, N.Wall
4704-TANK0001	Underground Tank
4704-TMR0001	Timer, Room 100, N. Wall
4704-TMR0002	Timer, Room 100, N. Wall
4704-TMR0003	Timer, Room 100, W. Wall
4704-XFMR0001	Transformer, High Bay, East Wall, Rm 100
4705-ACMP0001	Air Compressor Control, Rm B107/Rm E16 SW Corner Inside - Disconnect E10
4705-ACMP0002	Air Compressor Control, Rm E107/ Rm E10, NW Corner Outside - Disconnect NW wall
4705-ACMP0003	Air Compressor Control, Rm M100A/E04, SE Corner Outside - Disconnect E4 SE corner
4705-ACMP0004	Air Compressor Control, Rm M100A/E04, SE Corner Outside - Disconnect E4 SE corner
4705-ACMP0005	Air Compressor Control, Rm B119C/Rm E08, West Outside - Disconnect west wall
4705-ACMP0006	Air Compressor Control, Rm E104, EG&G Shop - Disconnect west wall
4705-ACMP0007	Air Compressor Cntrl, Rm 100A Nbs Area
4705-ADRY0001	Air Dryer, Rm B107/Rm E16 SW Corner Inside - Disconnect at dryer
4705-ADRY0002	Air Dryer, Rm E107/ Rm E10, NW Corner Outside - Disconnect at dryer
4705-ADRY0003	Air Dryer, Rm M100A/E04, SE Corner Outside - Disconnect in room E4 SE
4705-ADRY0004	Air Dryer, Rm B119C/Rm E08, West Outside - Disconnect at dryer
4705-AH0001	Air Handling Unit, Rm 121/Rm E11, W. Outside - Disconnect in room E11 West
4705-AH0002	Air Handling Unit, South High Bay, West Side, Rm 124 - Disconnect on unit
4705-AH0003	Air Handling Unit, Rm A107A/Rm E02, East outside - Disconnect room E2
4705-AH0004	NBS Area, SW Corner, Inside Entrance
4705-AH0005	Air Handling Unit, Rm C101, South Wall, East End - Disconnect on unit
4705-AH0006	Air Handling Unit, Rm C101, South Wall East End - Disconnect on unit
4705-AH0007	Air Handling Unit, Rm C101, South Wall Center - Disconnect on unit
4705-AH0008	Air Handling Unit, Rm C101, South Wall Center - Disconnect on unit
4705-AH0009	Air Handling Unit, Rm C113/Rm E14 NE Inside - Disconnect in room E14
4705-AH0010	Air Handling Unit, Rm C101, East End - Disconnect on unit
4705-AH0011	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
4705-AH0012	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
4705-AH0013	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
4705-AH0014	Air Handling Unit, Rm C101, North Side Center - Disconnect on unit
4705-AH0015	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
4705-AH0016	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
4705-AH0017	Air Handling Unit, Rm C101 West Side East End - Disconnect on unit
4705-AH0018	Air Handling Unit, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
4705-AH0018	Air Handling Unit, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
4705-AH0019	Air Handling Unit, Test Cell Balcony Over Rm C105B - Disconnect on unit
4705-AH001A	Air Handling Unit, High Bay, South End, Rm 124 - Disconnect on unit
4705-AH0020	Air Handling Unit, West Balcony Attic Over Rm B201 - Disconnect on unit
4705-AH0022	Air Handling Unit, West Balcony Attic Over Rm B203 - Disconnect on unit
4705-AH0023	Air Handling Unit, West Balcony Attic Over Rm B204 - Disconnect on unit
4705-AH0024	Air Handling Unit, Balcony, 2nd Floor, Bldg 4705 - Disconnect on unit
4705-AH0025	Air Handling Unit, Rm A200 - Disconnect on unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-AH0026	Air Handling Unit, East Hallway, 2nd Floor - Disconnect on unit
4705-AH0026	Air Handling Unit, East Hallway, 2nd Floor - Disconnect on unit
4705-AH0027	Air Handling Unit, 1st Floor, East Entrance - Disconnect on unit
4705-AH0028	Air Handling Unit, Rm M100A/E04, SE Corner Outside - Disconnect in room E4
4705-AH0029	Air Handling Unit, Rm 124, Outside Rm B120B - Disconnect on unit
4705-AH0030	Air Handling Unit, Rm 121/Rm E11, West Outside - Disconnect in room E11 West
4705-AH0030	Air Handling Unit, Rm 121/Rm E11, West Outside - Disconnect in room E11 West
4705-AH0032	Rm 302 Overhead, 3rd Floor NBS Area
4705-AH0033	Air Handling Unit, Rm 304 Above Ceiling NBS Area - Disconnect on unit
4705-AH0034	Air Handling Unit, Rm 401 NBS Area - Disconnect on unit
4705-AH0035	Air Handling Unit, NBS Area SW Corner - Disconnect on unit
4705-AH0036	Air Handling Unit, North End of East Bay - Disconnect on unit
4705-AH0037	Air Handling Unit, East Bay Over Tool Crib - Disconnect on unit
4705-AH0038	Air Handling Unit, Rm B117 West End, 1st Floor - Disconnect on unit
4705-AH0039	Air Handling Unit, Rm C108, Tool Crib
4705-AH0041	Air Handling Unit, Rm 201 Overhead, NBS Area - Disconnect on unit
4705-AH0042	Air Handling Unit, Mens Rm, Rm 303 - Disconnect on unit
4705-AH0043	Air Handling Unit, Ladies Rm, Rm 302 - Disconnect on unit
4705-AH0044	Air Handling Unit, Control Rm, Rm 401 - Disconnect on unit
4705-AH0045	Air Handling Unit, Rm 200 Ovrhd, 2nd Floor, NBS Area, Rm 200 - Disconnect on unit
4705-AH0046	Air Handling Unit, West of Rm 300, NBS Area - Disconnect on unit
4705-AH0047	Air Handling Unit, Rm B202 - Disconnect on unit
4705-AH0048	Air Handling Unit, Rm B202 - Disconnect on unit
4705-AH0049	Air Handling Unit, Rm B202 - Disconnect on unit
4705-AH004A	Air Handling Unit, Outside Rm 109, 1st Floor - Disconnect on unit
4705-AH006A	Air Handling Unit, Rm C101 South Side West End - Disconnect on unit
4705-AH007A	Air Handling Unit, Rm C101 South Side Center - Disconnect on unit
4705-AH008A	Air Handling Unit, Rm C101 South Side Center - Disconnect on unit
4705-AH010A	Air Handling Unit, Rm C101 East End - Disconnect on unit
4705-AH012A	Air Handling Unit, Rm C101 North Side - Disconnect on unit
4705-AH013A	Air Handling Unit, Rm C101 North Side Center - Disconnect on unit
4705-AH015A	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
4705-AH017A	Air Handling Unit, Rm C101 West End - Disconnect on unit
4705-AH018A	Air Handling Unit, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
4705-AH019A	Air Handling Unit, Rm E15 Above Rm C205 - Disconnect in room E15
4705-AH019B	Air Handling Unit, Rm E15 Above Rm C205 - Disconnect in room E15
4705-AH020A	Air Handling Unit, Rm B201 Overhead, 2nd Floor - Disconnect on unit
4705-AP0001	Annunciator Panel, Nbs Office
4705-ASH0001	Air Shower, Rm B119 N Entrance
4705-ASH0002	Air Shower, Rm B119 S Entrance
4705-ASH0003	Air Shower, Rm A105
4705-ATS0001	Auto Transfer Switch, Rm 101C NBS Area North Wall
4705-BFP0001	Back Flow Preventer - Chilled Water, Rm E101/Rm E01
4705-BFP0002	Back Flow Preventer - Hot Water, Rm B119C/Rm E08
4705-BPD0001	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0002	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0003	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0004	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0005	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0006	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0007	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0008	Buss Plug Disconnect, High Bay, Column B, W Catwalk
4705-BPD0009	Buss Plug Disconnect, High Bay, Column B, W Catwalk

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ATTACHMENT J-6
EQUIPMENT LISTING

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-BPD0063	Buss Plug Disconnect, C110
4705-BPD0064	Buss Plug Disconnect, C110
4705-BPD0065	Buss Plug Disconnect, C110
4705-BPD0066	Buss Plug Disconnect, C110
4705-BPD0067	Buss Plug Disconnect, C110
4705-BPD0068	Buss Plug Disconnect, C110
4705-BPD0069	Buss Plug Disconnect, C110
4705-BPD0070	Buss Plug Disconnect, C110
4705-BPD0071	Buss Plug Disconnect, C110
4705-BPD0072	Buss Plug Disconnect, C110
4705-BPD0073	Buss Plug Disconnect, C110
4705-BPD0074	Buss Plug Disconnect, C110
4705-BPD0075	Buss Plug Disconnect, C110
4705-BPD0076	Buss Plug Disconnect, C110
4705-BPD0077	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0078	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0079	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0080	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0081	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0082	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0083	Buss Plug Disconnect, C101, Btwn Col. 15&16, N-Wall
4705-BPD0084	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0085	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0086	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0087	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0088	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0089	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0090	Buss Plug Disconnect, C101, Btwn Col.14&15, N-Wall
4705-BPD0091	Buss Plug Disconnect, High Bay, Btwn Column 14&15
4705-BPD0092	Buss Plug Disconnect, High Bay, Btwn Column 14&15
4705-BPD0093	Buss Plug Disconnect, High Bay, Btwn Column 14&15
4705-BPD0094	Buss Plug Disconnect, High Bay, Btwn Column 14&15
4705-BPD0095	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0096	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0097	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0098	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0099	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0100	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0101	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0102	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0103	Buss Plug Disconnect, High Bay, Btwn Column 13&14
4705-BPD0104	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0105	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0106	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0107	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0108	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0109	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0110	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0111	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0112	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0113	Buss Plug Disconnect, High Bay, Btwn Column 12&13
4705-BPD0114	Buss Plug Disconnect, High Bay, Btwn Column 11&12
4705-BPD0115	Buss Plug Disconnect, High Bay, Btwn Column 11&12

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-BPD0116	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0117	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0118	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0119	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0120	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0121	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0122	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0123	Buss Plug Disconnect, High Bay, Btwn Column 10&11
4705-BPD0124	Buss Plug Disconnect, High Bay, Btwn Column 8 & 9
4705-BPD0125	Buss Plug Disconnect, High Bay, North Wall
4705-BPD0126	Buss Plug Disconnect, High Bay, North Wall
4705-BPD0127	Buss Plug Disconnect, High Bay, North Wall
4705-BPD0128	Buss Plug Disconnect, High Bay, North Wall
4705-BPD0129	Buss Plug Disconnect, High Bay, North Wall
4705-BPD0130	Buss Plug Disconnect, C101, S Wall
4705-BPD0131	Buss Plug Disconnect, High Bay, Btwn Column 2 & 3
4705-BPD0132	Buss Plug Disconnect, High Bay, Btwn Column 2 & 3
4705-BPD0133	Buss Plug Disconnect, C101, S Wall
4705-BPD0134	Buss Plug Disconnect, High Bay, Btwn Column 3 & 4
4705-BPD0135	Buss Plug Disconnect, C101, S Wall
4705-BPD0136	Buss Plug Disconnect, High Bay, Btwn Column 4 & 5
4705-BPD0137	Buss Plug Disconnect, High Bay, Btwn Column 4 & 5
4705-BPD0138	Buss Plug Disconnect, High Bay, Btwn Column 4 & 5
4705-BPD0139	Buss Plug Disconnect, High Bay, Btwn Column 4 & 5
4705-BPD0140	Buss Plug Disconnect, High Bay, Btwn Column 4 & 5
4705-BPD0141	Buss Plug Disconnect, C101, S Wall
4705-BPD0142	Buss Plug Disconnect, High Bay, Btwn Column 5 & 6
4705-BPD0143	Buss Plug Disconnect, High Bay, Btwn Column 5 & 6
4705-BPD0144	Buss Plug Disconnect, High Bay, Btwn Column 5 & 6
4705-BPD0145	Buss Plug Disconnect, High Bay, Btwn Column 5 & 6
4705-BPD0146	Buss Plug Disconnect, C101, S Wall
4705-BPD0147	Buss Plug Disconnect, High Bay, Btwn Column 6 & 7
4705-BPD0148	Buss Plug Disconnect, High Bay, Btwn Column 6 & 7
4705-BPD0149	Buss Plug Disconnect, High Bay, Btwn Column 6 & 7
4705-BPD0150	Buss Plug Disconnect, High Bay, Btwn Column 6 & 7
4705-BPD0151	Buss Plug Disconnect, High Bay, Btwn Column 6 & 7
4705-BPD0153	Buss Plug Disconnect, High Bay
4705-BPD0154	Buss Plug Disconnect, R & S East
4705-BPD0155	Buss Plug Disconnect, R & S East
4705-BPD0156	Buss Plug Disconnect, R & S East
4705-BPD0157	Buss Plug Disconnect, R & S East
4705-BPD0158	Buss Plug Disconnect, High Bay West
4705-BPD0159	Buss Plug Disconnect, High Bay West
4705-BPD0160	Buss Plug Disconnect, High Bay West
4705-BPD0161	Buss Plug Disconnect, High Bay West
4705-BPD0162	Buss Plug Disconnect, High Bay West
4705-BPD0163	Buss Plug Disconnect, High Bay West
4705-BPD0164	Buss Plug Disconnect, High Bay West
4705-BPD0165	Buss Plug Disconnect, High Bay West
4705-BPD0166	Buss Plug Disconnect, High Bay West
4705-BPD0167	Buss Plug Disconnect, High Bay West
4705-BPD0168	Buss Plug Disconnect, High Bay West
4705-BPD0169	Buss Plug Disconnect, High Bay West

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4705-BPD0170	Buss Plug Disconnect, High Bay West
4705-BPD0171	Buss Plug Disconnect, High Bay West
4705-BPD0172	Buss Plug Disconnect, High Bay West
4705-BPD0173	Buss Plug Disconnect, High Bay West
4705-BPD0174	Buss Plug Disconnect, High Bay West
4705-BPD0175	Buss Plug Disconnect, High Bay West
4705-BPD0176	Buss Plug Disconnect, High Bay West
4705-BPD0177	Buss Plug Disconnect, High Bay West
4705-BPD0178	Buss Plug Disconnect, High Bay West
4705-BPD0179	Buss Plug Disconnect, High Bay West
4705-BPD0180	Buss Plug Disconnect, High Bay East
4705-BPD0181	Buss Plug Disconnect, High Bay East
4705-BPD0182	Buss Plug Disconnect, High Bay East
4705-BPD0183	Buss Plug Disconnect, High Bay East
4705-BPD0184	Buss Plug Disconnect, High Bay East
4705-BPD0185	Buss Plug Disconnect, High Bay East
4705-BPD0186	Buss Plug Disconnect, High Bay East
4705-BPD0187	Buss Plug Disconnect, High Bay East
4705-BPD0188	Buss Plug Disconnect, High Bay East
4705-BPD0189	Buss Plug Disconnect, High Bay East
4705-BPD0190	Buss Plug Disconnect, High Bay East
4705-BPD0191	Buss Plug Disconnect, High Bay East
4705-BPD0192	Buss Plug Disconnect, High Bay East
4705-BPD0193	Buss Plug Disconnect, High Bay East
4705-BPD0194	Buss Plug Disconnect, High Bay East
4705-BPD0195	Buss Plug Disconnect, High Bay East
4705-BPD0196	Buss Plug Disconnect, High Bay East
4705-BPD0197	Buss Plug Disconnect, High Bay East
4705-BPD0198	Buss Plug Disconnect, C101
4705-BPD0199	Buss Plug Disconnect, High Bay, Btwn Column 7 & 8
4705-BPD0200	Buss Plug Disconnect, High Bay, Btwn Column 7 & 8
4705-BPD0201	Buss Plug Disconnect, High Bay, Btwn Column 8 & 9
4705-BPD0202	Buss Plug Disconnect, High Bay, Btwn Column 8 & 9
4705-BPD0203	Buss Plug Disconnect, High Bay, Btwn Column 8 & 9
4705-BPD0204	Buss Plug Disconnect, High Bay, Btwn Column 8 & 9
4705-BPD0205	Buss Plug Disconnect, High Bay, Btwn Column 9 & 10
4705-BPD0206	Buss Plug Disconnect, High Bay, Btwn Column 10 & 11
4705-BPD0207	Buss Plug Disconnect, High Bay, Btwn Column 10 & 11
4705-BPD0208	Buss Plug Disconnect, High Bay, Btwn Column 10 & 11
4705-BPD0209	Buss Plug Disconnect, High Bay, Btwn Column 10 & 11
4705-BPD0210	Buss Plug Disconnect, High Bay, West
4705-BPD0211	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0212	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0213	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0214	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0215	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0216	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0217	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0218	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0219	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0220	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0221	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0222	Buss Plug Disconnect, High Bay, Btwn Column Q & M

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-BPD0223	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0224	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-BPD0225	Buss Plug Disconnect, High Bay, Btwn Column Q & M
4705-CBP0001	Circuit Breaker Panel, Next To A114
4705-CBP0002	Circuit Breaker Panel, Outside A102
4705-CBP0003	Circuit Breaker Panel, 124, Column U
4705-CBP0004	Circuit Breaker Panel, High Bay, Column J
4705-CBP0005	Circuit Breaker Panel, B119
4705-CBP0006	Circuit Breaker Panel, E-01
4705-CBP0007	Circuit Breaker Panel, E-01
4705-CBP0008	Circuit Breaker Panel, C101, Btwn Col. 10&11,S-Wall
4705-CBP0009	Circuit Breaker Panel, C105, E Wall
4705-CBP0010	Circuit Breaker Panel, C105, E Wall
4705-CBP0011	Circuit Breaker Panel, C105, E Wall
4705-CBP0012	Circuit Breaker Panel, High Bay, Column U, West
4705-CBP0013	Circuit Breaker Panel, C105, N Wall
4705-CBP0014	Circuit Breaker Panel, E-04
4705-CBP0015	Circuit Breaker Panel, E-04
4705-CBS0001	Circuit Breaker Starter, E-14
4705-CBS0002	Circuit Breaker Starter, E-14
4705-CBS0003	Circuit Breaker Starter, E-14
4705-CBS0004	Circuit Breaker Starter, High Bay, E Wall
4705-CBS0005	Circuit Breaker Starter, High Bay, E Wall
4705-CBS0006	Circuit Breaker Starter, High Bay, Column 14
4705-CBS0007	Circuit Breaker Starter, High Bay, Btwn Column 9&11
4705-CBS0008	Circuit Breaker Starter, High Bay, Column O, W Wall
4705-CBS0009	Circuit Breaker Starter, High Bay, Column O, W Wall
4705-CBS0010	Circuit Breaker Starter, E-04
4705-CBS0011	Circuit Breaker Starter, E-04
4705-CBS0012	Circuit Breaker Starter, O.S. B100
4705-CBX0001	Control Box, Clean Room 4
4705-CBX0002	Control Box, E Side Of Tent
4705-CBX0003	Control Box, High Bay, Column 11
4705-CBX0004	Control Box, C110
4705-CHLR0001	Water Chiller, Rm M100A/E04, SE Corner Outside
4705-CHLR0002	Water Chiller, Rm M100A/E04, SE Corner Outside
4705-CHLR0003	Water Chiller, Rm 101C NBS Area
4705-CHLR0004	Water Chiller, Rm 101C NBS Area
4705-CHWP0001	Chill Water Pump, Rm M100A/E04, SE Corner Outside - Disconnect in room E4 SE
4705-CHWP0002	Chill Water Pump, Rm M100A/E04, SE Corner Outside - Disconnect in room E4 SE
4705-COIL001A	Chilled Water Coil, AH0001, Rm 121/E-11
4705-COIL001B	Hot Water/Steam Coil, AH0001, Rm 121/E-11
4705-COIL002A	Chilled Water Coil, AH0002, Rm 124
4705-COIL002B	Hot Water/Steam Coil, AH0002, Rm 124
4705-COIL003A	Chilled Water Coil, AH0003, Rm A107A/E-2
4705-COIL003B	Hot Water/Steam Coil, AH0003, Rm A107A/E-2
4705-COIL004A	Chilled Water Coil, AH0004, NBS Area, SW Corner
4705-COIL004B	Hot Water/Steam Coil, AH0004, NBS Area SW Corner
4705-COIL005A	Chilled Water Coil, AH0005, Rm C101, S Wall, East End
4705-COIL005B	Hot Water/Steam Coil, AH0005, Rm C101, S Wall, East End
4705-COIL006A	Chilled Water Coil, AH0006, Rm C101, S Wall, East End
4705-COIL006B	Hot Water/Steam Coil, AH0006, Rm C101, S Wall, East End
4705-COIL007A	Chilled Water Coil, AH0007, Rm C101, S Wall, Center

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-COIL007B	Hot Water/Steam Coil, AH0007, Rm C101, S Wall, Center
4705-COIL008A	Chilled Water Coil, AH0008, Rm C101, S Wall, Center
4705-COIL008B	Hot Water/Steam Coil, AH0008, Rm C101, S Wall, Center
4705-COIL009A	Chilled Water Coil, AH0009, Rm C113/E-14
4705-COIL009B	Hot Water/Steam Coil, AH0009, Rm C113/E-14
4705-COIL010A	Chilled Water Coil, AH0010, Rm C101, East End
4705-COIL010B	Hot Water/Steam Coil, AH0010, Rm C101, East End
4705-COIL011A	Chilled Water Coil, AH0011, Rm C101, N Side, W End
4705-COIL011B	Hot Water/Steam Coil, AH0011, Rm C101, N Side, W End
4705-COIL012A	Chilled Water Coil, AH0012, Rm C101, N Side, W End
4705-COIL012B	Hot Water/Steam Coil, AH0012, Rm C101, N Side, W End
4705-COIL013A	Chilled Water Coil, AH0013, Rm C101, N Side, W End
4705-COIL013B	Hot Water/Steam Coil, AH0013, Rm C101, N Side, W End
4705-COIL014A	Chilled Water Coil, AH0014, Rm C101, N Side, Center
4705-COIL014B	Hot Water/Steam Coil, AH0014, Rm C101, N Side, Center
4705-COIL015A	Chilled Water Coil, AH0015, Rm C107 Overhead
4705-COIL015B	Hot Water/Steam Coil, AH0015, Rm C107 Overhead
4705-COIL016A	Chilled Water Coil, AH0016, Rm C107 Overhead
4705-COIL016B	Hot Water/Steam Coil, AH0016, Rm C107 Overhead
4705-COIL017A	Chilled Water Coil, AH0017, Rm C101, W Side, E End
4705-COIL017B	Hot Water/Steam Coil, AH0017, Rm C101, W Side, E End
4705-COIL018A	Chilled Water Coil, AH0018, Rm E107/E-10
4705-COIL018B	Hot Water/Steam Coil, AH0018, Rm E107/E-10
4705-COIL019A	Chilled Water Coil, AH0019, Over Rm C105B
4705-COIL019B	Hot Water/Steam Coil, AH0019, Over Rm C105B
4705-COIL01AA	Chilled Water Coil, AH001A, Rm 124, S End
4705-COIL01AB	Hot Water/Steam Coil, AH001A, Rm 124, S End
4705-COIL020A	Chilled Water Coil, AH0020, Attic Over Rm B201
4705-COIL020B	Hot Water/Steam Coil, AH0020, Attic Over Rm B201
4705-COIL022A	Chilled Water Coil, AH0022, Attic Over Rm B203
4705-COIL022B	Hot Water/Steam Coil, AH0022, Attic Over Rm B203
4705-COIL023A	Chilled Water Coil, AH0023, Attic Over Rm B204
4705-COIL023B	Hot Water/Steam Coil, AH0023, Attic Over Rm B204
4705-COIL024A	Chilled Water Coil, AH0024, Balcony, 2nd Floor
4705-COIL024B	Hot Water/Steam Coil, AH0024, Balcony, 2nd Floor
4705-COIL025A	Chilled Water Coil, AH0025, Rm A200
4705-COIL025B	Hot Water/Steam Coil, AH0025, Rm A200
4705-COIL026A	Chilled Water Coil, AH0026, East Hallway, 2nd Floor
4705-COIL026B	Hot Water/Steam Coil, AH0026, East Hallway, 2nd Floor
4705-COIL027A	Chilled Water Coil, AH0027, East Entrance, 1st Floor
4705-COIL027B	Hot Water/Steam Coil, AH0027, East Entrance, 1st Floor
4705-COIL028A	Chilled Water Coil, AH0028, Rm M100/E-4
4705-COIL028B	Hot Water/Steam Coil, AH0028, Rm M100/E-4
4705-COIL029A	Chilled Water Coil, AH0029, Rm 124
4705-COIL029B	Hot Water/Steam Coil, AH0029, Rm 124
4705-COIL030A	Chilled Water Coil, AH0030, Rm 121/E-11
4705-COIL030B	Hot Water/Steam Coil, AH0030, Rm 121/E-11
4705-COIL032A	Chilled Water Coil, AH0032, Rm 302
4705-COIL032B	Hot Water/Steam Coil, AH0032, Rm 302
4705-COIL033A	Chilled Water Coil, AH0033, Rm 304
4705-COIL033B	Hot Water/Steam Coil, AH0033, Rm 304
4705-COIL034A	Chilled Water Coil, AH0034, Rm 401
4705-COIL034B	Hot Water/Steam Coil, AH0034, Rm 401

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-COIL035A	Chilled Water Coil, AH0035, NBS Area, SW Corner
4705-COIL035B	Hot Water/Steam Coil, AH0035, NBS Area, SW Corner
4705-COIL036A	Chilled Water Coil, AH0036, North End of East Bay
4705-COIL036B	Hot Water/Steam Coil, AH0036, North End of East Bay
4705-COIL037A	Chilled Water Coil, AH0037, East Bay over Tool Crib
4705-COIL037B	Hot Water/Steam Coil, AH0037, East Bay over Tool Crib
4705-COIL038A	Chilled Water Coil, AH0038, Rm B117
4705-COIL038B	Hot Water/Steam Coil, AH0038, Rm B117
4705-COIL039A	Chilled Water Coil, AH0039, Rm C108
4705-COIL039B	Hot Water/Steam Coil, AH0039, Rm C108
4705-COIL041A	Chilled Water Coil, AH0041, Rm 201
4705-COIL041B	Hot Water/Steam Coil, AH0041, Rm 201
4705-COIL042A	Chilled Water Coil, AH0042, Rm 303
4705-COIL042B	Hot Water/Steam Coil, AH0042, Rm 303
4705-COIL043A	Chilled Water Coil, AH0043, Rm 302
4705-COIL043B	Hot Water/Steam Coil, AH0043, Rm 302
4705-COIL044A	Chilled Water Coil, AH0044, Rm 401
4705-COIL044B	Hot Water/Steam Coil, AH0044, Rm 401
4705-COIL045A	Chilled Water Coil, AH0045, Rm 200
4705-COIL045B	Hot Water/Steam Coil, AH0045, Rm 200
4705-COIL046A	Chilled Water Coil, AH0046, W of Rm 300
4705-COIL046B	Hot Water/Steam Coil, AH0046, W of Rm 300
4705-COIL047A	Chilled Water Coil, AH0047, Rm B202
4705-COIL047B	Hot Water/Steam Coil, AH0047, Rm B202
4705-COIL048A	Chilled Water Coil, AH0048, Rm B202
4705-COIL048B	Hot Water/Steam Coil, AH0048, Rm B202
4705-COIL049A	Chilled Water Coil, AH0049, Rm B202
4705-COIL049B	Hot Water/Steam Coil, AH0049, Rm B202
4705-COIL04AA	Chilled Water Coil, AH004A, Rm 109
4705-COIL04AB	Hot Water/Steam Coil, AH004A, Rm 109
4705-COIL06AA	Chilled Water Coil, AH006A, Rm C101, S Side, W End
4705-COIL06AB	Hot Water/Steam Coil, AH006A, Rm C101, S Side, W End
4705-COIL07AA	Chilled Water Coil, AH007A, Rm C101, S Side, Center
4705-COIL07AB	Hot Water/Steam Coil, AH007A, Rm C101, S Side, Center
4705-COIL08AA	Chilled Water Coil, AH008A, Rm C101, S Side, Center
4705-COIL08AB	Hot Water/Steam Coil, AH008A, Rm C101, S Side, Center
4705-COIL10AA	Chilled Water Coil, AH010A, Rm C101, E End
4705-COIL10AB	Hot Water/Steam Coil, AH010A, Rm C101, E End
4705-COIL12AA	Chilled Water Coil, AH012A, Rm C101, N Side
4705-COIL12AB	Hot Water/Steam Coil, AH012A, Rm C101, N Side
4705-COIL13AA	Chilled Water Coil, AH013A, Rm C101, N Side, Center
4705-COIL13AB	Hot Water/Steam Coil, AH013A, Rm C101, N Side, Center
4705-COIL15AA	Chilled Water Coil, AH015A, Rm C107
4705-COIL15AB	Hot Water/Steam Coil, AH015A, Rm C107
4705-COIL17AA	Chilled Water Coil, AH017A, Rm C101, W End
4705-COIL17AB	Hot Water/Steam Coil, AH017A, Rm C101, W End
4705-COIL18AA	Chilled Water Coil, AH018A, Rm E107/E-10
4705-COIL18AB	Hot Water/Steam Coil, AH018A, Rm E107/E-10
4705-COIL19AA	Chilled Water Coil, AH019A, Rm E-15
4705-COIL19AB	Hot Water/Steam Coil, AH019A, Rm E-15
4705-COIL19BA	Chilled Water Coil, AH019B, Rm E-15
4705-COIL19BB	Hot Water/Steam Coil, AH019B, Rm E-15
4705-COIL20AA	Chilled Water Coil, AH020A, Rm B201

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-COIL20AB	Hot Water/Steam Coil, AH020A, Rm B201
4705-CONT0001	Contact, O.S. A114
4705-CONT0002	Contact, O.S. A103A
4705-CONT0003	Contact, High Bay, Col G, East
4705-CONT0004	Contact, High Bay, Btwn Col F & E (2)
4705-CRN0001	10/5-Ton Bridge Crane, High Bay, South Crane, Rm 124 - Disconnect at EAST COLUMN CENTER
4705-CRN0002	10/5-Ton Bridge Crane, High Bay, North Crane, Rm 124 - Disconnect at EAST COLUMN CENTER
4705-CRN0003	Bridge Crane 20 Ton, Rm C101 East End - Disconnect at SOUTH WALL COLUMN 11
4705-CRN0004	Bridge Crane 20 Ton, Rm C101 West Crane - Disconnect at SOUTH WALL COLUMN 11
4705-CRN0005	Bridge Crane 5 Ton, Rm 124 Welding Shop - Disconnect at SOUTH WEST COLUMN
4705-CRN0006	5-Ton Bridge Crane, Rm B101, 1st Floor - Disconnect at EAST WALL CENTER
4705-CRN0007	7.5-Ton Bridge Crane, East Bay - Disconnect at EAST WALL CENTER
4705-CRN0008	Free-Standing Jib Crane 1-Ton, Rm B119 Clean Rm
4705-CRU0001	Computer Room Unit, Rm C105A, 1st Floor - Disconnect at unit
4705-DHUM0001	Dehumidifier, Tool Crib, Rm C108
4705-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4705-DOOR0002	Roll-Up Door, West Side - Disconnect at door
4705-DOOR0003	Roll-Up Door, Rm C101 Machine Shop South - Disconnect at door
4705-DOOR0004	Auto Roll-Up Door, Rm C101 Machine Shop North - Disconnect at door
4705-DOOR0006	Roll-Up Door, South Side, S. High Bay - Disconnect at door
4705-DOOR0007	Sliding Door, South Side of NBS Area
4705-DOOR0008	Sliding Door, South Side of Bldg 4705
4705-DOOR0009	Sliding Door, Rm C101 Machine Shop West
4705-DOOR0010	Sliding Door, Rm C110 Grinding Shop
4705-DOOR0011	Roll-up Door, Rm C110 Grinding Shop - Disconnect at door
4705-DOOR0012	Sliding Door, West Side of Bldg 4705
4705-DOOR0013	Sliding Door, West Side of Bldg 4705
4705-DOOR0014	Automatic Roll-up Door, Rm B104 S Side - Disconnect at door
4705-DOOR0015	Automatic Roll-up Door, B100 S Side - Disconnect at door
4705-DOOR0016	Sliding Door Manual, Rm C101B
4705-DUMB0001	Dumbwaiter, East Side
4705-DXAC0001	Direct Expansion AC Unit, Rm E09 West Outside - Disconnect in room E9 - Disconnect in room E9
4705-DXAC0001	Direct Expansion AC Unit, Rm E09 West Outside - Disconnect in room E9 - Disconnect in room E9
4705-DXAC0002	Direct Expansion AC Unit, Rm C102 Outside - Disconnect at unit
4705-DXAC0002	Direct Expansion AC Unit, Rm C102 Outside - Disconnect at unit
4705-DXAC0003	Direct Expansion AC Unit, Rm C200, 2nd Floor - Disconnect at unit
4705-DXAC0003	Direct Expansion AC Unit, Rm C200, 2nd Floor - Disconnect at unit
4705-DXAC0004	Direct Expansion AC Unit, Rm E-15 over C205 - Disconnect in room E15 - Disconnect in room E15
4705-DXAC0004	Direct Expansion AC Unit, Rm E-15 over C205 - Disconnect in room E15 - Disconnect in room E15
4705-DXAC0005	Direct Expansion A/C, Rm. B203B - Disconnect at unit
4705-DXAC0005	Direct Expansion A/C, Rm. B203B - Disconnect at unit
4705-DXAC0006	Direct Expansion A/C, Rm. 124F - Disconnect at unit
4705-DXAC0007	Direct Expansion A/C, Rm. 124D - Disconnect at unit
4705-EAF0001	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0002	Exhaust Blower, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0003	Exhaust Blower Fan, High Bay, Rm 124 - Disconnect at fan motor
4705-EAF0004	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0005	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0006	Exhaust Blower Fan, High Bay, Rm 124 - Disconnect at fan motor
4705-EAF0007	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0008	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0009	Exhaust Blower Fan, Hh Bay, Center, Rm 124 - Disconnect at fan motor
4705-EAF0010	Exhaust Blower Fan, High Bay, Center, Rm 124 - Disconnect at fan motor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-EAF0011	Exhaust Blower Fan, Rm A107A/Rm E02, East Outside - Disconnect in room E2
4705-EAF0012	Exhaust Blower Fan, Rm M100A/E04, SE Corner Outside - Disconnect in room E4
4705-EAF0013	Exhaust Blower Fan, Rm B119C/Rm E08, West Outside - Disconnect in room E8 West sid
4705-EAF0014	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0015	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0016	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0017	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0018	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0019	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0020	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0021	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0022	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0023	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0024	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0025	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0026	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0027	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0028	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0029	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0030	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0031	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0032	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0033	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0034	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0035	Exhaust Blower Fan, Roof Center - Disconnect at fan motor
4705-EAF0036	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0037	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0038	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0039	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0040	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0041	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0042	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0043	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0044	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0045	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0046	Exhaust Blower Fan, Roof West Side - Disconnect at fan motor
4705-EAF0047	Exhaust Blower Fan, RM E-15 - Disconnect in room E15
4705-ELEV0001	Cable Elevator, Rm A101A - Disconnect at elevator
4705-ELEV0002	Hydraulic Elevator, North Side of NBS Area - Disconnect at elevator
4705-EW0001	Safety Eyewash, Rm A109, 1st Floor
4705-EW0002	Safety Eyewash, Rm E09 , B119B West Outside
4705-EW0003	Safety Eyewash, Rm B119 Clean Room
4705-EW0004	Safety Eyewash, Rm B119 Clean Room (Sink)
4705-EW0005	Safety Shower, Rm B128 W. Wall
4705-EW0006	Safety Shower, Rm C109
4705-EW0007	Emergency Eyewash, Outside Rm 101C
4705-EW0008	Emergency Eyewash, Rm B200
4705-FAC0001	30K Clean, Rm B119
4705-FAS0001	Fire Alarm System, East Entrance, Bldg 4705
4705-FID0001	Field Interface Device, Rm E101/Rm E01, N. End East Outside
4705-FID0002	Field Interface Device, Rm B119C/Rm E08, West Outside
4705-FID0003	Field Interface Device, Rm C101 NW Stairs
4705-FILT0001	Filters, Rm B119

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-GEN0001	Emergency Generator, North Side NBS Area Outside - REMOVED
4705-HST0001	Hoist 1-Ton Air, NBS Tank Area
4705-HST0002	Air Hoist 1 Ton, Rm C102 Horizontal Boring Mill
4705-HST0003	Hoist 1/2-Ton Air
4705-HST0004	Hoist 1/2-Ton Air, NBS Area
4705-HST0007	Air Hoist 300 LB, NBS Tank Area - Equipment REMOVED
4705-HST0008	Hoist 1-Ton Chain, NBS over Filters - Equipment REMOVED
4705-HST0009	Chain Air Hoist 1 Ton, NBS Area North Side - Equipment REMOVED
4705-HST0010	Air Hoist 1/2-Ton, Rm B119 Clean Rm West Side
4705-HST0011	Hoist 1-Ton Electric Gantry, High Bay, Rm 124 - Disconnect at ON A-FRAME LEG
4705-HST0012	Electric Hoist 2-Ton, Rm B119
4705-HST0013	Electric Hoist 2-Ton, Rm B119
4705-HST0014	2-Ton Manual Chain Hoist, Rm 124F
4705-HUM0001	Humidifier, Rm 124 Outside Rm B120B - Disconnect at unit
4705-HUM0002	Humidifier, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
4705-HUM0003	Humidifier, Over Rm B100B - Disconnect at unit
4705-HUM0004	Humidifier, Rm B202
4705-HUM0005	Humidifier, Rm B202
4705-HUM0006	Humidifier, Rm B202
4705-HWHD0001	HW Heater Domestic, Rm A104, 1st Floor - Disconnect at heater
4705-HWHD0002	HW Heater Domestic, Rm 121/Rm E11, West Outside - Disconnect at heater
4705-HWHD0003	HW Heater Domestic, Rm B119 Clean Room - Disconnect at heater
4705-HWHD0005	HW Heater Domestic, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
4705-HWHD0006	HW Heater Domestic, between C203 - C204, 2nd Floor - Disconnect at heater
4705-HWHD0007	HW Heater Domestic, Rm A104, 1st Floor - Disconnect at heater
4705-HWHD0008	HW Heater Domestic, Rm 121/Rm E11, West Outside - Disconnect at heater
4705-HWHD0009	HW Heater Domestic, Rm B201B Mens Rm - Disconnect at heater
4705-HWHD0010	HW Heater Domestic, Rm E104 - Disconnect at heater
4705-HWHD0011	HW Heater Domestic, Rm A115 - Disconnect at heater
4705-HWP0001	Hot Water Pump, Rm E101/Rm E01, Overhead NE - Disconnect in room E1
4705-HWP0002	Hot Water Pump, Rm B119C/Rm E08, West Outside - Disconnect in room E8 west
4705-HWP0003	Hot Water Pump, Rm C101, North Wall - Disconnect at pump
4705-HWP0004	Hot Water Pump, Rm C101, North Wall - Disconnect at pump
4705-HWP0005	Hot Water Pump, Rm B119C/Rm E08, West Side - Disconnect in room E8 west
4705-HWP0006	Hot Water Pump, Rm 121/Rm E11, SW, On Wall - Disconnect in room E11 SW wall
4705-HWP0008	Pump Hot Water, 1ST Floor Nbs Area W Wall
4705-HWP0009	Pump Hot Water, 1ST Floor Nbs Area W Wall
4705-LROD0001	Lightning Protection System, Roof NBS
4705-LTS0001	Emergency Lighting - Stairs By Rm A114
4705-LTS0002	Emergency Lighting - Stairs By Rm A106
4705-LTS0003	Emergency Lighting - High Bay S. Column H, Rm 124
4705-LTS0004	Emergency Lighting - High Bay S. Column G West Side, Rm 124
4705-LTS0005	Emergency Lighting - Weld Shop W. Wall
4705-LTS0006	Emergency Lighting - Weld Shop Column N
4705-LTS0007	Emergency Lighting - Rm B117
4705-LTS0008	Emergency Lighting - Weld Shop W. Wall
4705-LTS0009	Emergency Lighting - Outside Rm B108
4705-LTS0010	Emergency Lighting - Outside Rm B206A
4705-LTS0011	Emergency Lighting - Stairs Outside Rm B206A
4705-LTS0012	Emergency Lighting - Outside Rm B203
4705-LTS0013	Emergency Lighting - Outside Rm B200
4705-LTS0014	Emergency Lighting - Stairs Rm B200
4705-LTS0015	Emergency Lighting - Outside Rm B211A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-LTS0016	Emergency Lighting - Outside Rm B209
4705-LTS0017	Emergency Lighting - Outside Rm B215
4705-LTS0018	Emergency Lighting - Machine Shop Column U West
4705-LTS0021	Emergency Lighting - Stairs by E. Main Entrance
4705-LTS0022	Emergency Lighting - Machine Shop Tool Crib
4705-LTS0023	Emergency Lighting - Machine Shop Tool Crib
4705-LTS0024	Emergency Lighting - Machine Shop SW Corner
4705-LTS0025	Emergency Lighting - N. Machine Shop
4705-LTS0026	Emergency Lighting - Stairs by Rm C203
4705-LTS0027	Emergency Lighting - Hallway inside Rm C101
4705-LTS0028	Emergency Lighting - Pressure Cell S. Side
4705-LTS0029	Emergency Lighting - Horizon Boring N. Wall Center
4705-LTS0030	Emergency Lighting - N Wall Rm C103
4705-MCC0001	Motor Control Center, Rm 121/Rm E11, West Side Outside
4705-MCC0002	Motor Control Center, Rm E09 West Outside
4705-MCC0003	Motor Control Center, Rm B119C/Rm E08, West Outside
4705-MCC0004	Motor Control Center, Rm E107/ Rm E10, NW Corner Outside
4705-MCC0005	Motor Control Center, Rm E101/Rm E01, North End East Outside
4705-MCC0006	Motor Control Center, Rm M100A/E04, SE Corner Outside
4705-ODT0001	Oxygen Detection System, Rm 401 NBS Control
4705-ODT0002	Oxygen Detection System, Rm B119A, 1st Floor
4705-ODT0003	Oxygen Detection System, Rm 107 Under Stairs
4705-ODT0004	Oxygen Detection System, Rm A107A/Rm E02, East Outside
4705-ODT0005	Oxygen Detection System, Rm B119 (Clean Room)
4705-PMP0001	Water Pump, West Side of NBS Area Inside - Disconnect at pump
4705-PMP0002	Water Pump, West Side of NBS Area Inside - Disconnect at pump
4705-PMP0003	Water Pump, West Side of NBS Area Inside - Disconnect at pump
4705-PNL0001	Panel Board, Rm B119, 1st Floor
4705-PNL0002	Panel Board, Rm B119, 1st Floor
4705-PNL0003	Panel Board, Rm B119, 1st Floor
4705-PNL0004	Panel Board, Rm B106, 1st Floor
4705-PNL0005	Panel Board, Outside Rm B100, 1st Floor
4705-PNL0006	Panel Board, Hallway Outside Rm B100A
4705-PNL0007	Panel Board, Rm B107/Rm E16, 1st Floor SW Corner Inside
4705-PNL0008	Panel Board, Rm B107/Rm E16, 1st Floor SW Corner Inside
4705-PNL0009	Panel Board, NBS Outside
4705-PNL0010	Panel Board, Rm E13, East Side of Basement
4705-PNL0011	Panel Board, Outside Rm A201, 2nd Floor
4705-PNL0012	Panel Board, Outside Rm A201, 2nd Floor
4705-PNL0013	Panel Board, between A204 and A201, 2nd Floor
4705-PNL0014	Panel Board, Outside Rm A208, 2nd Floor
4705-PNL0015	Panel Board, Outside Rm A208, 2nd Floor
4705-PNL0016	Panel Board, Rm B200
4705-PNL0017	Panel Board, Outside Rm B200
4705-PNL0018	Panel Board, Outside Rm A114, 1st Floor
4705-PNL0019	Panel Board, Outside Rm A114, 1st Floor
4705-PNL0020	Panel Board, Outside Rm A106, 1st Floor
4705-PNL0021	Panel Board, Outside Rm A103A, 1st Floor
4705-PNL0022	Panel Board, Outside Rm A103A, 1st Floor
4705-PNL0023	Panel Board, Outside Rm A103A, 1st Floor
4705-PNL0024	Panel Board, Rm 124 Col G East, 1st Floor
4705-PNL0025	Panel Board, Rm 124 Col D, 1st Floor
4705-PNL0026	Panel Board, Rm 124 Col D, 1st Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4705-PNL0027	Panel Board, Rm 124 Col D, 1st Floor
4705-PNL0028	Panel Board, Outside Rm A116, 1st Floor
4705-PNL0029	Panel Board, Rm 124 Col U, 1st Floor
4705-PNL0030	Panel Board, Rm 124 Col T, 1st Floor
4705-PNL0031	Panel Board, Rm 124 Col T, 1st Floor
4705-PNL0032	Panel Board, Rm 124 Col T, 1st Floor
4705-PNL0033	Panel Board, Rm 124 Col S, 1st Floor
4705-PNL0034	Panel Board, Rm A107A/Rm E02, East Outside
4705-PNL0035	Panel Board, Rm 124 Col Q, 1st Floor
4705-PNL0036	Panel Board, Rm 124 Col P, 1st Floor
4705-PNL0037	Panel Board, Rm 124 Col N, 1st Floor
4705-PNL0038	Panel Board, Rm 124 Col N, 1st Floor
4705-PNL0039	Panel Board, Rm 124 Col N, 1st Floor
4705-PNL0040	Panel Board, Rm 124 Col L, 1st Floor
4705-PNL0041	Panel Board, Rm 124 Col M, 1st Floor
4705-PNL0042	Panel Board, Rm 124 Col L, 1st Floor
4705-PNL0043	Panel Board, Rm 124 Col J, 1st Floor
4705-PNL0044	Panel Board, Rm 124 Col H, 1st Floor
4705-PNL0045	Panel Board, Rm 124 Col G, 1st Floor
4705-PNL0046	Panel Board, Rm 124 Col E, 1st Floor
4705-PNL0047	Panel Board, Rm 124 Col D, 1st Floor
4705-PNL0048	Panel Board, Rm B104C, 1st Floor
4705-PNL0049	Panel Board, Rm B104C, 1st Floor
4705-PNL0050	Panel Board, Rm B102, 1st Floor
4705-PNL0051	Panel Board, Rm B102, 1st Floor
4705-PNL0052	Panel Board, Rm B112, 1st Floor
4705-PNL0053	Panel Board, Rm 124 West Catwalk, 1st Floor
4705-PNL0054	Panel Board, Rm 124 West Catwalk, 1st Floor
4705-PNL0055	Panel Board, Rm 124 West Catwalk, 1st Floor
4705-PNL0056	Panel Board, Rm 124 West Catwalk, 1st Floor
4705-PNL0057	Panel Board, Rm 124 West Catwalk, 1st Floor
4705-PNL0058	Panel Board, Rm 124 Col C West, 1st Floor
4705-PNL0059	Panel Board, Rm 124 Col D West, 1st Floor
4705-PNL0060	Panel Board, Rm B101, 1st Floor
4705-PNL0061	Panel Board, Rm B101, 1st Floor
4705-PNL0062	Panel Board, Rm 124 Col J West, 1st Floor
4705-PNL0063	Panel Board, Rm 124 Col K West, 1st Floor
4705-PNL0064	Panel Board, Rm 124 Col K West, 1st Floor
4705-PNL0065	Panel Board, Rm 124 Col L West, 1st Floor
4705-PNL0066	Panel Board, Rm 124 Col M West, 1st Floor
4705-PNL0067	Panel Board, Rm 124 Col P West, 1st Floor
4705-PNL0068	Panel Board, Rm 124 Col P West, 1st Floor
4705-PNL0069	Panel Board, Rm 124 Col P West, 1st Floor
4705-PNL0070	Panel Board, Rm 124 Col S West, 1st Floor
4705-PNL0071	Panel Board, Rm 124 Col S West, 1st Floor
4705-PNL0072	Panel Board, Rm 124 Col U West, 1st Floor
4705-PNL0073	Panel Board, Rm 124 Col U West, 1st Floor
4705-PNL0074	Panel Board, Rm 124 Col U West, 1st Floor
4705-PNL0075	Panel Board, Rm 124 Col U West, 1st Floor
4705-PNL0076	Panel Board, Rm 101C NBS Area
4705-PNL0077	Panel Board, Rm 101C NBS Area
4705-PNL0078	Panel Board, Rm 101C NBS Area
4705-PNL0079	Panel Board, 3rd Floor, NBS Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-PNL0080	Panel Board, Rm 101C NBS Area
4705-PNL0081	Panel Board, Rm 101C NBS Area
4705-PNL0082	Panel Board, 4th Floor, NBS Area
4705-PNL0083	Panel Board, 4th Floor, NBS Area
4705-PNL0084	Panel Board, Rm E07 East Side Inside
4705-PNL0085	Panel Board, Rm E07 East Side Inside
4705-PNL0086	Panel Board, Rm B117, 1st Floor
4705-PNL0087	Panel Board, Rm 124 Col R West, 1st Floor
4705-PNL0088	Panel Board, Rm B120, 1st Floor
4705-PNL0089	Panel Board, Rm B120, 1st Floor
4705-PNL0090	Panel Board, Rm B120C, 1st Floor
4705-PNL0091	Panel Board, Rm B120C, 1st Floor
4705-PNL0092	Panel Board, Rm B120E, 1st Floor
4705-PNL0094	Panel Board, Rm B203A, 2nd Floor
4705-PNL0095	Panel Board, Rm E09 West Outside
4705-PNL0096	Panel Board, Rm E13 Basement East Side
4705-PNL0097	Panel Board, Rm A106D/Rm E03 East Side, Outside, Center
4705-PNL0098	Panel Board, Rm A106D/Rm E03, East Side, Outside, Center
4705-PNL0099	Panel Board, Rm A106D/Rm E03, East Side, Outside, Center
4705-PNL0100	Panel Board, Rm A106D/Rm E03, East Side, Outside, Center
4705-PNL0101	Panel Board, Rm A106D/Rm E03, East Side, Outside, Center
4705-PNL0102	Panel Board, Rm A106D/Rm E03, East Side, Outside, Center
4705-PNL0103	Panel Board, Rm E101/Rm E01, North End East Outside
4705-PNL0105	Panel Board, Rm E101/Rm E01, North End East Outside
4705-PNL0106	Panel Board, Rm E101/Rm E01, North End East Outside
4705-PNL0107	Panel Board, Rm C101, Col 1 South, 1st Floor
4705-PNL0108	Panel Board, Rm C101, Col 1 South, 1st Floor
4705-PNL0109	Panel Board, Rm C101, Col 2 South, 1st Floor
4705-PNL0110	Panel Board, Rm C101, Col 4 South, 1st Floor
4705-PNL0111	Panel Board, Rm C101 Col 10, 1st Floor
4705-PNL0112	Panel Board, Rm C101 Col 10, 1st Floor
4705-PNL0113	Panel Board, Rm C101 Col 10, 1st Floor
4705-PNL0114	Panel Board, Rm C101 Col 10, 1st Floor
4705-PNL0115	Panel Board, Rm C101 Col 112 South, 1st Floor
4705-PNL0116	Panel Board, Rm C101 Col 12 South, 1st Floor
4705-PNL0117	Panel Board, Rm C101 Col 12 South, 1st Floor
4705-PNL0118	Panel Board, Rm C101 Col 12 South, 1st Floor
4705-PNL0119	Panel Board, Rm C101 Col 12 South, 1st Floor
4705-PNL0120	Panel Board, Rm C101 Col 12 South, 1st Floor
4705-PNL0121	Panel Board, Rm C110, 1st Floor
4705-PNL0122	Panel Board, Rm C110, 1st Floor
4705-PNL0123	Panel Board, Rm C101 Col 16 North, 1st Floor
4705-PNL0124	Panel Board, Rm C101 Col 15, 1st Floor
4705-PNL0125	Panel Board, Rm C101 Col 15, 1st Floor
4705-PNL0126	Panel Board, Rm C101 Col 14, 1st Floor
4705-PNL0127	Panel Board, Rm C101 Col 14, 1st Floor
4705-PNL0128	Panel Board, Rm C101 Col 12, 1st Floor
4705-PNL0129	Panel Board, Rm C101 Col 11, 1st Floor
4705-PNL0130	Panel Board, Rm C101 Col 9, 1st Floor
4705-PNL0131	Panel Board, Rm C104, 1st Floor
4705-PNL0132	Panel Board, Rm C101 Col 1 North, 1st Floor
4705-PNL0133	Panel Board, Rm C101 Col 2 North, 1st Floor
4705-PNL0134	Panel Board, Rm C101 Col 2 North, 1st Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-PNL0135	Panel Board, Rm C200, 2nd Floor
4705-PNL0136	Panel Board, Rm C108, 1st Floor, Bldg 4705
4705-PNL0137	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0138	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0139	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0140	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0141	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0142	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0143	Panel Board, Rm C102 North Wall, 1st Floor
4705-PNL0144	Panel Board, Rm C203, 2nd Floor
4705-PNL0145	Panel Board, Rm C203, 2nd Floor
4705-PNL0146	Panel Board, Rm E104, 1st Floor
4705-PNL0147	Panel Board, NBS Area North Outside
4705-PNL0148	Panel Board, Rm A109
4705-PNL0149	Panel Board, Rm C101, Clmn 1, S Wall
4705-ROOF0001	Roof, Main, Bldg 4705
4705-ROOF0002	Roof, Bldg 4705
4705-ROOF0003	Roof, Bldg 4705
4705-ROOF0004	Roof, Bldg 4705
4705-ROOF0005	Roof, Bldg 4705
4705-ROOF0006	Roof, Bldg 4705
4705-ROOF0007	Roof, Bldg 4705
4705-ROOF0008	Roof, Bldg 4705
4705-ROOF0009	Roof, Bldg 4705
4705-ROOF0010	Roof, Bldg 4705
4705-ROOF0011	Roof, Bldg 4705
4705-ROOF0012	Roof, Bldg 4705
4705-ROOF0013	Roof, Bldg 4705
4705-ROOF0014	Roof, Bldg 4705
4705-ROOF0015	Roof, Bldg 4705
4705-ROOF0016	Roof, Bldg 4705
4705-ROOF0017	Roof, Bldg 4705
4705-ROOF0018	Roof, Bldg 4705
4705-SAF0001	Supply Air Fan, Above Rm B119 - Disconnect at fan unit
4705-SH0001	Safety Shower, Rm B119, 1st Floor
4705-SHEW0001	Safety Shower and Eyewash, Rm A111F, 1st Floor
4705-SHEW0002	Safety Shower/Eyewash, Rm B119
4705-SPMP001A	Sump Pump, Rm E13 Basement East Side - Disconnect in room E13 E side
4705-SPMP001B	Sump Pump, Rm E13 Basement East Side - Disconnect in room E13 E side
4705-SPR0001	Sprinkler System, Top of NBS Area
4705-SPR0002	Sprinkler System, Rm B104B/Rm E22, SW Corner Near Rm B104
4705-SS0001	Safety Switch, Outside E-04
4705-SS0002	Safety Switch, Outside E-04
4705-SS0003	Safety Switch, Outside E-04
4705-SS0004	Safety Switch, Outside A201
4705-SS0005	Safety Switch, Between A204 And A201
4705-SS0006	Safety Switch, Between A204 And A201
4705-SS0007	Safety Switch, Between A204 And A201
4705-SS0008	Safety Switch, Between A204 And A201
4705-SS0009	Safety Switch, Between A204 And A201
4705-SS0010	Safety Switch, Between A204 And A201
4705-SS0011	Safety Switch, Outside A204
4705-SS0012	Safety Switch, B210

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0013	Safety Switch, B210
4705-SS0014	Safety Switch, B214
4705-SS0015	Safety Switch, Men'S Rm Next To B200
4705-SS0017	Safety Switch, Outside A103A
4705-SS0018	Safety Switch, High Bay, Column G East
4705-SS0019	Safety Switch, High Bay, Btwn Column F&E
4705-SS0020	Safety Switch, High Bay, Btwn Column F&E (4)
4705-SS0021	Safety Switch, High Bay, Column D
4705-SS0022	Safety Switch, High Bay, Column D
4705-SS0023	Safety Switch, Outside A116
4705-SS0024	Safety Switch, Outside A116
4705-SS0025	Safety Switch, High Bay, Column U
4705-SS0026	Safety Switch, High Bay, Column T
4705-SS0027	Safety Switch, High Bay, Column T
4705-SS0028	Safety Switch, High Bay, Next To Column T
4705-SS0029	Safety Switch, High Bay, Column S
4705-SS0030	Safety Switch, High Bay, Column S
4705-SS0031	Safety Switch, High Bay, Column S
4705-SS0032	Safety Switch, High Bay, Column Q
4705-SS0033	Safety Switch, High Bay, Column Q
4705-SS0034	Safety Switch, High Bay, Column Q
4705-SS0035	Safety Switch, High Bay, Column Q
4705-SS0036	Safety Switch, High Bay, Column Q
4705-SS0037	Safety Switch, High Bay, Column Q
4705-SS0038	Safety Switch, High Bay, Column Q
4705-SS0039	Safety Switch, High Bay, Column Q
4705-SS0040	Safety Switch, High Bay, Column P
4705-SS0041	Safety Switch, High Bay, Column P
4705-SS0042	Safety Switch, High Bay, Column P
4705-SS0043	Safety Switch, High Bay, Column P
4705-SS0044	Safety Switch, High Bay, Column P
4705-SS0045	Safety Switch, High Bay, Column O
4705-SS0046	Safety Switch, High Bay, Column O
4705-SS0047	Safety Switch, High Bay, Column N
4705-SS0048	Safety Switch, High Bay, Column M
4705-SS0049	Safety Switch, High Bay, Column H
4705-SS0050	Safety Switch, High Bay, Column G
4705-SS0051	Safety Switch, High Bay, Column G
4705-SS0052	Safety Switch, High Bay, Column E
4705-SS0053	Safety Switch, High Bay, Column E
4705-SS0054	Safety Switch, High Bay, Column E
4705-SS0055	Safety Switch, High Bay, Column E
4705-SS0056	Safety Switch, High Bay, Column C
4705-SS0057	Safety Switch, High Bay, Column C
4705-SS0058	Safety Switch, High Bay, Column C
4705-SS0059	Safety Switch, High Bay, Column C
4705-SS0060	Safety Switch, High Bay, Column A
4705-SS0061	Safety Switch, High Bay, Column K, E Catwalk
4705-SS0062	Safety Switch, B104
4705-SS0063	Safety Switch, B104
4705-SS0064	Safety Switch, High Bay, Column E, W Catwalk
4705-SS0065	Safety Switch, High Bay, Column F, W Catwalk
4705-SS0066	Safety Switch, High Bay, Column L, W Catwalk

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0067	Safety Switch, High Bay, Column L, W Catwalk
4705-SS0068	Safety Switch, High Bay, Column C West
4705-SS0069	Safety Switch, High Bay, Column D West
4705-SS0070	Safety Switch, High Bay, Column F West
4705-SS0071	Safety Switch, High Bay, Column F West
4705-SS0072	Safety Switch, High Bay, Column F West
4705-SS0073	Safety Switch, High Bay, Column F West
4705-SS0074	Safety Switch, High Bay, Column F West
4705-SS0075	Safety Switch, High Bay, Column G
4705-SS0076	Safety Switch, B100
4705-SS0078	Safety Switch, High Bay, Column J West
4705-SS0079	Safety Switch, High Bay, Column K West
4705-SS0080	Safety Switch, High Bay, Column K West
4705-SS0081	Safety Switch, High Bay, Column K West
4705-SS0082	Safety Switch, High Bay, Column K West
4705-SS0083	Safety Switch, High Bay, Column L West
4705-SS0085	Safety Switch, High Bay, Column M West
4705-SS0086	Safety Switch, High Bay, Column N West
4705-SS0087	Safety Switch, High Bay, Column N West
4705-SS0088	Safety Switch, High Bay, Column O West
4705-SS0089	Safety Switch, High Bay, Column N West
4705-SS0090	Safety Switch, High Bay, Column N West
4705-SS0091	Safety Switch, High Bay, Column N West
4705-SS0092	Safety Switch, High Bay, Column N West
4705-SS0093	Safety Switch, High Bay, Column P West
4705-SS0095	Safety Switch, High Bay, Column S West
4705-SS0096	Safety Switch, High Bay, Column S West
4705-SS0097	Safety Switch, High Bay, Column V
4705-SS0098	Safety Switch, High Bay, Column V
4705-SS0099	Safety Switch, High Bay, Column Y
4705-SS0101	Safety Switch, Nbs Area
4705-SS0102	Safety Switch, Nbs Area
4705-SS0103	Safety Switch, Nbs Area
4705-SS0104	Safety Switch, Nbs Area
4705-SS0107	Safety Switch, Nbs Area
4705-SS0108	Safety Switch, Nbs Area
4705-SS0109	Safety Switch, Nbs Area
4705-SS0110	Safety Switch, Nbs Area
4705-SS0111	Safety Switch, Floor 4 Nbs Area
4705-SS0112	Safety Switch, E-07
4705-SS0113	Safety Switch, E-07
4705-SS0114	Safety Switch, E-07
4705-SS0115	Safety Switch, E-07
4705-SS0116	Safety Switch, E-07 Outside
4705-SS0117	Safety Switch, B117 Outside
4705-SS0118	Safety Switch, B117 Outside
4705-SS0119	Safety Switch, High Bay, Column O West Wall
4705-SS0120	Safety Switch, High Bay, Column O West Wall
4705-SS0121	Safety Switch, High Bay, Column O West Wall
4705-SS0122	Safety Switch, High Bay, Column P West Wall
4705-SS0123	Safety Switch, High Bay, Column P West Wall
4705-SS0124	Safety Switch, High Bay, Column P West Wall
4705-SS0125	Safety Switch, High Bay, Column R West Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0126	Safety Switch, High Bay, Column R West Wall
4705-SS0127	Safety Switch, B120B
4705-SS0128	Safety Switch, B120C
4705-SS0129	Safety Switch, B108
4705-SS0130	Safety Switch, B108
4705-SS0131	Safety Switch, B119
4705-SS0132	Safety Switch, B119
4705-SS0133	Safety Switch, B119
4705-SS0134	Safety Switch, B119
4705-SS0135	Safety Switch, B119
4705-SS0136	Safety Switch, B214
4705-SS0137	Safety Switch, E-08
4705-SS0138	Safety Switch, E-08
4705-SS0139	Safety Switch, E-08
4705-SS0140	Safety Switch, E-08
4705-SS0141	Safety Switch, E-09
4705-SS0142	Safety Switch, E-09
4705-SS0143	Safety Switch, E-09
4705-SS0144	Safety Switch, E-09
4705-SS0145	Safety Switch, E-09
4705-SS0146	Safety Switch, E-09
4705-SS0147	Safety Switch, E-09
4705-SS0148	Safety Switch, E-09
4705-SS0149	Safety Switch, E-09
4705-SS0150	Safety Switch, E-09
4705-SS0151	Safety Switch, E-09
4705-SS0152	Safety Switch, E-09
4705-SS0153	Safety Switch, E-09
4705-SS0154	Safety Switch, E-09
4705-SS0155	Safety Switch, E-09
4705-SS0156	Safety Switch, E-09
4705-SS0157	Safety Switch, E-09
4705-SS0158	Safety Switch, E-09
4705-SS0159	Safety Switch, E-11,E-16
4705-SS0160	Safety Switch, E-11,E-16
4705-SS0161	Safety Switch, E-11,E-16
4705-SS0162	Safety Switch, E-13
4705-SS0163	Safety Switch, E-13
4705-SS0164	Safety Switch, E-03
4705-SS0165	Safety Switch, E-03
4705-SS0166	Safety Switch, E-03
4705-SS0167	Safety Switch, E-01
4705-SS0169	Safety Switch, C101, Column 1 South
4705-SS0170	Safety Switch, C101, Column 1 South
4705-SS0171	Safety Switch, C101, Column 1 South
4705-SS0172	Safety Switch, C101, Column 1 South
4705-SS0173	Safety Switch, C101, Column 1 South
4705-SS0174	Safety Switch, C101, Column 1 South
4705-SS0175	Safety Switch, C101, Column 1 South
4705-SS0176	Safety Switch, C101, Column 2 South
4705-SS0177	Safety Switch, C101, Column 2 South
4705-SS0178	Safety Switch, C101, Column 2 South
4705-SS0179	Safety Switch, C101, Between Columns 8 & 9

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0180	Safety Switch, C101, Between Columns 10 & 11
4705-SS0181	Safety Switch, C101, Between Columns 10 & 11
4705-SS0182	Safety Switch, C101, Column 12 South
4705-SS0183	Safety Switch, C101, East Wall
4705-SS0184	Safety Switch, C101, East Wall
4705-SS0185	Safety Switch, C101, East Wall
4705-SS0186	Safety Switch, C101, East Wall
4705-SS0187	Safety Switch, C101, East Wall
4705-SS0188	Safety Switch, C101, East Wall
4705-SS0189	Safety Switch, C110
4705-SS0190	Safety Switch, C110
4705-SS0191	Safety Switch, C110
4705-SS0192	Safety Switch, C110
4705-SS0193	Safety Switch, C110
4705-SS0194	Safety Switch, C110
4705-SS0195	Safety Switch, High Bay, Column 16, North
4705-SS0196	Safety Switch, High Bay, Btwn Column 15&16
4705-SS0197	Safety Switch, High Bay, Column 15
4705-SS0198	Safety Switch, High Bay, Column 15
4705-SS0199	Safety Switch, High Bay, Column 14
4705-SS0200	Safety Switch, High Bay, Column 12
4705-SS0201	Safety Switch, High Bay, Column 11
4705-SS0202	Safety Switch, High Bay, Btwn Column 9 & 10
4705-SS0203	Safety Switch, High Bay, Column 8
4705-SS0204	Safety Switch, High Bay, Column 8
4705-SS0205	Safety Switch, High Bay, Column 8
4705-SS0206	Safety Switch, High Bay, Column 8
4705-SS0207	Safety Switch, High Bay, Column 8
4705-SS0208	Safety Switch, High Bay, Column 8
4705-SS0209	Safety Switch, High Bay, Column 7 North Wall
4705-SS0210	Safety Switch, High Bay, Between Column 5 & 6
4705-SS0211	Safety Switch, High Bay, Between Column 5 & 6
4705-SS0212	Safety Switch, High Bay, Column O West Wall
4705-SS0213	Safety Switch, High Bay, Column O West Wall
4705-SS0214	Safety Switch, High Bay, Column O West Wall
4705-SS0215	Safety Switch, High Bay, Column O West Wall
4705-SS0216	Safety Switch, High Bay, Column 1 North Wall
4705-SS0217	Safety Switch, High Bay, Column 1 North Wall
4705-SS0218	Safety Switch, High Bay, Col 2 Under Stairs
4705-SS0219	Safety Switch, High Bay, North Wall
4705-SS0220	Safety Switch, High Bay, North Wall
4705-SS0221	Safety Switch, 204 Outside
4705-SS0222	Safety Switch, E-10
4705-SS0223	Safety Switch, E-10
4705-SS0224	Safety Switch, E-10
4705-SS0225	Safety Switch, E-10
4705-SS0226	Safety Switch, C105 North Wall
4705-SS0227	Safety Switch, C105 North Wall
4705-SS0228	Safety Switch, C105 West Wall
4705-SS0229	Safety Switch, C105 West Wall
4705-SS0230	Safety Switch, C105 West Wall
4705-SS0231	Safety Switch, C105 West Wall
4705-SS0232	Safety Switch, C105 South Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0233	Safety Switch, C105 South Wall
4705-SS0234	Safety Switch, 2ND Floor South Wall
4705-SS0235	Safety Switch, 2ND Floor South Wall
4705-SS0236	Safety Switch, 2ND Floor South Wall
4705-SS0237	Safety Switch, 2ND Floor South Wall
4705-SS0238	Safety Switch, 2ND Floor South Wall
4705-SS0239	Safety Switch, 2ND Floor South Wall
4705-SS0241	Safety Switch, C105 East Wall
4705-SS0256	Safety Switch, E-07, Fire Alarm
4705-SS0265	Safety Switch, B-117
4705-SS0266	Safety Switch, B-117
4705-SS0267	Safety Switch, B-117
4705-SS0268	Safety Switch, A103A Outside
4705-SS0270	Safety Switch, High Bay, Btwn Column 10&11
4705-SS0271	Safety Switch, B-117
4705-SS0272	Safety Switch, Floor 4 Nbs Area
4705-SS0273	Safety Switch, B119
4705-SS0274	Safety Switch, A103A
4705-SS0275	Safety Switch, E-13
4705-SS0276	Safety Switch, E-03
4705-SS0277	Safety Switch, High Bay Crane
4705-SS0278	Safety Switch, B-117
4705-SS0279	Safety Switch, E-02
4705-SS0280	Safety Switch, E-02
4705-SS0281	Safety Switch, High Bay, Column Q
4705-SS0282	Safety Switch, High Bay, Column H
4705-SS0283	Safety Switch, High Bay, Column J West
4705-SS0284	Safety Switch, A104A
4705-SS0285	Safety Switch, A200
4705-SS0286	Safety Switch, E-04
4705-SS0287	Safety Switch, East Side Of Tent
4705-SS0288	Safety Switch, C101
4705-SS0289	Safety Switch, C101
4705-SS0290	Safety Switch, C101
4705-SS0291	Safety Switch, C101, Column N, West
4705-SS0292	Safety Switch, Nbs Area
4705-SS0293	Safety Switch, Nbs Area
4705-SS0294	Safety Switch, Lobby Of Nbs Area
4705-SS0295	Safety Switch, High Bay, Column R, West Wall
4705-SS0296	Safety Switch, C101
4705-SS0297	Safety Switch, C101
4705-SS0298	Safety Switch, C101
4705-SS0300	Safety Switch, C101
4705-SS0301	Safety Switch, C101
4705-SS0302	Safety Switch, C101
4705-SS0303	Safety Switch, C101
4705-SS0304	Safety Switch, C101
4705-SS0305	Safety Switch, C101
4705-SS0306	Safety Switch, C101
4705-SS0307	Safety Switch, C101
4705-SS0308	Safety Switch, C110
4705-SS0309	Safety Switch, Above Rm C105A
4705-SS0310	Safety Switch, High Bay Crane

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0311	Safety Switch, C101 Crane
4705-SS0312	Safety Switch, C101 Crane
4705-SS0313	Safety Switch, High Bay, C101
4705-SS0314	Safety Switch, High Bay, C101
4705-SS0315	Safety Switch, High Bay, C101
4705-SS0316	Safety Switch, High Bay, C101
4705-SS0317	Safety Switch, High Bay, C101
4705-SS0318	Safety Switch, High Bay, C101
4705-SS0319	Safety Switch, High Bay, C101
4705-SS0320	Safety Switch, High Bay, C101
4705-SS0321	Safety Switch, High Bay, C101
4705-SS0322	Safety Switch, High Bay, C101
4705-SS0323	Safety Switch, High Bay, C101
4705-SS0324	Safety Switch, High Bay, C101
4705-SS0325	Safety Switch, High Bay, C101
4705-SS0326	Safety Switch, High Bay, C101
4705-SS0327	Safety Switch, High Bay, C101
4705-SS0328	Safety Switch, High Bay, C101
4705-SS0329	Safety Switch, High Bay, C101
4705-SS0330	Safety Switch, High Bay, C101
4705-SS0331	Safety Switch, High Bay, C101
4705-SS0332	Safety Switch, High Bay, C101
4705-SS0333	Safety Switch, High Bay, C101
4705-SS0334	Safety Switch, High Bay, C101
4705-SS0335	Safety Switch, C101 MacHine Shop
4705-SS0336	Safety Switch, C101 MacHine Shop
4705-SS0337	Safety Switch, C101 MacHine Shop
4705-SS0338	Safety Switch, C101 MacHine Shop
4705-SS0339	Safety Switch, C101 MacHine Shop
4705-SS0340	Safety Switch, C101 MacHine Shop
4705-SS0341	Safety Switch, C101 MacHine Shop
4705-SS0342	Safety Switch, C101 MacHine Shop
4705-SS0343	Safety Switch, C101 MacHine Shop
4705-SS0344	Safety Switch, C101 MacHine Shop
4705-SS0345	Safety Switch, C101 MacHine Shop
4705-SS0346	Safety Switch, C101 MacHine Shop
4705-SS0347	Safety Switch, C101 MacHine Shop
4705-SS0348	Safety Switch, E-01
4705-SS0349	Safety Switch, New Addition, W End
4705-SS0350	Safety Switch, New Addition, W End
4705-SS0351	Safety Switch, High Bay, Column 1, South
4705-SS0352	Safety Switch, High Bay, Column 1, South
4705-SS0353	Safety Switch, C102, E Wall
4705-SS0354	Safety Switch, C102, E Wall
4705-SS0355	Safety Switch, C102, E Wall (3)
4705-SS0356	Safety Switch, 109A
4705-SS0357	Safety Switch, High Bay, Column N
4705-SS0358	Safety Switch, High Bay, Column O, W Wall
4705-SS0359	Safety Switch, High Bay, Column O, W Wall
4705-SS0360	Safety Switch, 120D
4705-SS0361	Safety Switch, A104A
4705-SS0362	Safety Switch, A103A
4705-SS0363	Safety Switch, O.S. A103A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SS0364	Safety Switch, High Bay, East Of Tent
4705-SS0365	Safety Switch, High Bay, Column H
4705-SS0366	Safety Switch, High Bay, Column N, North
4705-SS0367	Safety Switch, E-03
4705-SSS0001	Starter Safety Switch, E-02
4705-SSS0002	Starter Safety Switch, E-02
4705-SSS0003	Starter Safety Switch, High Bay, Column D
4705-SSS0004	Starter Safety Switch, High Bay, Column D
4705-SSS0005	Starter Safety Switch, High Bay, Column D
4705-SSS0006	Starter Safety Switch, High Bay, Column B, E Catwalk
4705-SSS0007	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0008	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0009	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0010	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0011	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0012	Starter Safety Switch, High Bay, Column R, E Catwalk
4705-SSS0013	Starter Safety Switch, B104 O.S.
4705-SSS0014	Starter Safety Switch, High Bay, Column L, W Catwalk
4705-SSS0015	Starter Safety Switch, High Bay, Column L, W Catwalk
4705-SSS0016	Starter Safety Switch, High Bay, Column L, W Catwalk
4705-SSS0017	Starter Safety Switch, High Bay, Column L, W Catwalk
4705-SSS0018	Starter Safety Switch, High Bay, Column X, W Catwalk
4705-SSS0019	Starter Safety Switch, High Bay, Column X, W Catwalk
4705-SSS0020	Starter Safety Switch, High Bay, Column X, W Catwalk
4705-SSS0021	Starter Safety Switch, High Bay, Column X, W Catwalk
4705-SSS0024	Starter Safety Switch, Nbs Area
4705-SSS0025	Starter Safety Switch, Nbs Area
4705-SSS0026	Starter Safety Switch, B120C
4705-SSS0027	Starter Safety Switch, B119
4705-SSS0028	Starter Safety Switch, E-09
4705-SSS0029	Starter Safety Switch, E-09
4705-SSS0030	Starter Safety Switch, E-09
4705-SSS0031	Starter Safety Switch, E-11,E-16
4705-SSS0032	Starter Safety Switch, E-11,E-16
4705-SSS0033	Starter Safety Switch, E-01
4705-SSS0034	Starter Safety Switch, E-01
4705-SSS0035	Starter Safety Switch, E-14
4705-SSS0036	Starter Safety Switch, C110
4705-SSS0037	Starter Safety Switch, C110
4705-SSS0038	Starter Safety Switch, High Bay, Btwn Column 5 & 6
4705-SSS0039	Starter Safety Switch, High Bay, Btwn Column 5 & 6
4705-SSS0040	Starter Safety Switch, High Bay Crane
4705-SSS0041	Starter Safety Switch, C101 Crane
4705-SSS0042	Starter Safety Switch, A204 O.S.
4705-SSS0043	Starter Safety Switch, Next To A217A
4705-SSS0044	Starter Safety Switch, Next To A102
4705-SSS0045	Starter Safety Switch, E-02
4705-SSS0046	Starter Safety Switch, C101
4705-SSS0047	Starter Safety Switch, C101, Column 1, South
4705-SSS0048	Starter Safety Switch, C101, Column 1, South
4705-SSS0049	Starter Safety Switch, C101, Column 4, South
4705-SSS0050	Starter Safety Switch, C101, Column 5, South
4705-SSS0051	Starter Safety Switch, C101, Column 5, South

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-SSS0052	Starter Safety Switch, C101, Column 10
4705-SSS0053	Starter Safety Switch, C101, Column 10
4705-SSS0054	Starter Safety Switch, E-14
4705-SSS0055	Starter Safety Switch, E-14
4705-SSS0056	Starter Safety Switch, High Bay, East Wall
4705-SSS0057	Starter Safety Switch, High Bay, East Wall
4705-SSS0058	Starter Safety Switch, C110
4705-SSS0059	Starter Safety Switch, C110, Btwn Column 15 & 16
4705-SSS0060	Starter Safety Switch, C110, Column 14
4705-SSS0061	Starter Safety Switch, C110, Column 11
4705-SSS0062	Starter Safety Switch, C110, Btwn Column 9 & 10
4705-SSS0063	Starter Safety Switch, C110, Column 7, N. Wall
4705-SSS0064	Starter Safety Switch, C110, Column O, W. Wall
4705-SSS0065	Starter Safety Switch, C110, Column 1, N. Wall
4705-SSS0066	Starter Safety Switch, Above C105A
4705-SSS0067	Starter Safety Switch, Nbs Area, North Wall
4705-SSS0068	Starter Safety Switch, New Addition, W End
4705-STRT0001	Starter, Outside A200
4705-STRT0002	Starter, Between A204 And A201
4705-STRT0003	Starter, Between A204 And A201
4705-STRT0004	Starter, Between A204 And A201
4705-STRT0005	Starter, Between A204 And A201
4705-STRT0006	Starter, Between A204 And A201
4705-STRT0007	Starter, High Bay, Btwn Column F&E
4705-STRT0008	Starter, E-02
4705-STRT0009	Starter, High Bay, Column P
4705-STRT0010	Starter, High Bay, Column P
4705-STRT0011	Starter, High Bay, Column A
4705-STRT0012	Starter, B104
4705-STRT0013	Starter, B100
4705-STRT0015	Starter, Nbs Area
4705-STRT0016	Starter, Nbs Area
4705-STRT0017	Starter, Nbs Area
4705-STRT0018	Starter, Nbs Area
4705-STRT0019	Starter, Nbs Area
4705-STRT0020	Starter, Nbs Area
4705-STRT0023	Starter, Nbs Area
4705-STRT0024	Starter, B108
4705-STRT0025	Starter, B119
4705-STRT0026	Starter, E-08
4705-STRT0027	Starter, E-08
4705-STRT0028	Starter, E-08
4705-STRT0029	Starter, E-08
4705-STRT0030	Starter, E-08
4705-STRT0031	Starter, E-08
4705-STRT0032	Starter, E-09
4705-STRT0033	Starter, E-13
4705-STRT0034	Starter, E-13
4705-STRT0035	Starter, E-13
4705-STRT0036	Starter, E-13
4705-STRT0037	Starter, E-13
4705-STRT0038	Starter, E-03
4705-STRT0039	Starter, E-03

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-STRT0040	Starter, E-01
4705-STRT0041	Starter, E-01
4705-STRT0042	Starter, C101, Column 1, South
4705-STRT0043	Starter, C101, Column 9, South
4705-STRT0044	Starter, C101, Column 9, South
4705-STRT0045	Starter, C101, Btwn Column 10&11
4705-STRT0046	Starter, E-14
4705-STRT0047	Starter, E-14
4705-STRT0048	Starter, E-14
4705-STRT0049	Starter, High Bay, East Wall
4705-STRT0050	Starter, High Bay, Column 14
4705-STRT0051	Starter, High Bay, Column 14
4705-STRT0052	Starter, High Bay, Column 12
4705-STRT0053	Starter, High Bay, Btwn Column 9&11
4705-STRT0054	Starter, High Bay, Btwn Column 9&11
4705-STRT0055	Starter, High Bay, Column 8
4705-STRT0056	Starter, High Bay, Column 8
4705-STRT0057	Starter, High Bay, Btwn Column 5&6
4705-STRT0058	Starter, High Bay, Btwn Column 5&6
4705-STRT0059	Starter, High Bay, Column O, West Wall
4705-STRT0060	Starter, High Bay, Column O, West Wall
4705-STRT0061	Starter, High Bay, Column 1, N Wall
4705-STRT0062	Starter, High Bay, Column 1, N Wall
4705-STRT0063	Starter, High Bay, North Wall
4705-STRT0064	Starter, E-10
4705-STRT0065	Starter, C102, West Wall
4705-STRT0066	Starter, C102, West Wall
4705-STRT0067	Starter, C102, East Wall
4705-STRT0068	Starter, C101 Crane
4705-STRT0069	Starter, Welder'S Storage
4705-STRT0070	Starter, High Bay, Column 2 South
4705-STRT0071	Starter, E-02
4705-STRT0072	Starter, E-04
4705-STRT0073	Starter, E-04
4705-STRT0074	Starter, Outside A116
4705-STRT0075	Starter, High Bay, Column S
4705-STRT0076	Starter, C101
4705-STRT0077	Starter, C101
4705-STRT0078	Starter, E-10
4705-STRT0079	Starter, E-10
4705-STRT0080	Starter, E-10
4705-STRT0081	Starter, E-10
4705-STRT0082	Starter, E-10
4705-STRT0083	Starter, 2ND Floor, S. Wall
4705-STRT0084	Starter, High Bay, C101
4705-STRT0085	Starter, High Bay, C101
4705-STRT0086	Starter, High Bay, C101
4705-STRT0087	Starter, C101 MacHine Shop
4705-STRT0088	Starter, C101 MacHine Shop
4705-STRT0089	Starter, C101 MacHine Shop
4705-STRT0090	Starter, C101 MacHine Shop
4705-STRT0091	Starter, C101 MacHine Shop
4705-STRT0092	Starter, C101 MacHine Shop

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-STRT0093	Starter, E-10
4705-SUB0001	Substation, North Side, North, Bldg 4703
4705-SUB0002	Substation, West Side, Northeast of Bldg 4708
4705-SUB0003	Substation, West Side, North of NBS Area
4705-SWBD0001	Switchboard, Rm B103/Rm E07 East Side Inside
4705-SWBD0002	Switchboard, Rm B103/Rm E07 East Side Inside
4705-UH0001	Unit Heater Electric, Rm M100A/E-4
4705-UH0002	Unit Heater Steam, E-2
4705-UH0003	Unit Heater Steam, Rm E101/E-1
4705-UH0004	Unit Heater Steam, Rm E101/E-1
4705-UH0006	Unit Heater Steam, Rm E101/E-1
4705-UH0007	Unit Heater Steam, Rm E107/E-10
4705-UH0008	Unit Heater Steam, Rm B119F
4705-UH0009	Unit Heater Steam, E-11
4705-UH0010	Unit Heater Steam, Rm B128
4705-UH0011	Unit Heater Steam, Rm B107
4705-UH0012	Unit Heater Steam, Rm B107
4705-UH0013	Unit Heater Steam, Rm B107
4705-UH0014	Unit Heater Steam, Rm B107
4705-UH0015	Unit Heater Steam, Rm B119B/E-9
4705-UH0016	Unit Heater Steam, Rm B119B/E-9
4705-UH0017	Unit Heater Electric, Rm A115
4705-UH0018	Unit Heater Steam, Rm 124 Ne Entrance
4705-UH0019	Unit Heater Steam, Rm C110 S Wall
4705-UH0020	Unit Heater Steam, Rm C110 Sw Corner
4705-UH0021	Unit Heater Steam, Rm C110 Nw Corner
4705-UH0022	Unit Heater Steam, Rm C110 N Wall
4705-UH0023	Unit Heater Steam, Rm C110 Ne Corner
4705-UH0024	Unit Heater Steam, Rm C101A
4705-UH0025	Unit Heater Steam, Rm C101 Overhead
4705-UH0026	Unit Heater Steam, Rm C101 Overhead
4705-UH0027	Unit Heater Steam, Rm C101 Overhead
4705-UH0028	Unit Heater Steam, Rm C101 Overhead
4705-UH0029	Unit Heater Steam, Rm C101 Overhead
4705-UH0030	Unit Heater Steam, Rm C101 Overhead
4705-UH0031	Unit Heater Steam, Rm C101 Overhead
4705-UH0032	Unit Heater Steam, Rm C101 Overhead
4705-UH0033	Unit Heater Steam, Rm C101 Overhead
4705-UH0034	Unit Heater Steam, Rm C101 Overhead
4705-UH0035	Unit Heater Steam, Rm C101 Overhead
4705-UH0036	Unit Heater Steam, Rm C101 Overhead
4705-UH0037	Unit Heater Steam, Rm C101 Overhead
4705-UH0038	Unit Heater Steam, Rm C101 Overhead
4705-UH0039	Unit Heater Steam, E-3
4705-UH0040	Unit Heater Steam, Rm B104B
4705-UH0041	Unit Heater Steam, Rm 100A
4705-UH0042	Unit Heater Electric, Outside Rm B401 Nbs Area
4705-UH0043	Unit Heater Electric, Ne End Of 4TH Floor Nbs Area
4705-UH0044	Unit Heater Electric, N End Of 4TH Floor Nbs Area
4705-UH0045	Unit Heater Electric, N Stairs Of Nbs Area 1ST Floor
4705-UH0046	Unit Heater, Steam, Rm 124
4705-UH0047	Unit Heater, Steam, Rm 124
4705-UH0048	Unit Heater, Steam, Rm 124

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-UH0049	Unit Heater Steam, Rm 124
4705-UH0050	Unit Heater Steam, Rm 124
4705-UH0051	Unit Heater Steam, Rm 124
4705-UH0052	Unit Heater Steam, Rm 124
4705-UH0053	Unit Heater Steam, Rm 124
4705-UH0054	Unit Heater Steam, Rm 124
4705-UH0055	Unit Heater Steam, Rm 124
4705-UH0056	Unit Heater Steam, Rm 124
4705-UH0057	Unit Heater Steam, Rm 124
4705-UH0058	Unit Heater Steam, Rm 124
4705-UH0059	Unit Heater Steam, Rm 124
4705-UH0060	Unit Heater Steam, Rm 124
4705-UH0061	Unit Heater Steam, Rm 124
4705-UH0062	Unit Heater Steam, Rm 124
4705-UH0063	Unit Heater Steam, Rm 124
4705-UH0064	Unit Heater Steam, Rm 124
4705-UH0065	Unit Heater Steam, Rm 124
4705-UH0066	Unit Heater Steam, Rm 124
4705-UH0067	Unit Heater Steam, Rm 124
4705-UH0068	Unit Heater Steam, Rm 124
4705-UH0069	Unit Heater Steam, Rm 124
4705-UH0070	Unit Heater Steam, Rm 124
4705-UH0071	Unit Heater Steam, Rm 124
4705-UH0072	Unit Heater Steam, Rm 124
4705-UH0073	Unit Heater Steam, Rm 124
4705-UH0074	Unit Heater Steam, Rm 124
4705-UH0075	Unit Heater Steam, Rm 124
4705-UH0076	Unit Heater Steam, Rm 124
4705-UH0077	Unit Heater Steam, Rm 124
4705-UH0078	Unit Heater Steam, 1ST Floor Nbs Area
4705-UH0079	Unit Heater Steam, 1ST Floor Nbs Area
4705-UH0080	Unit Heater Steam, 1ST Floor Nbs Area
4705-UH0081	Unit Heater Steam, 1ST Floor Nbs Area
4705-UH0082	Unit Heater Steam, 1ST Floor Nbs Area
4705-UPC0001	Unit Power Center, Rm E101/Rm E01, North End East Outside
4705-UPC0002	Unit Power Center, Rm E101/Rm E01, North End East Outside
4705-UPS0001	UPS Power, Rm C102, Horizontal Boring Mill
4705-VSC0001	Variable Speed Controller, M100A/E04, Assoc. w/ CHWP
4705-VSC0002	Variable Speed Controller, M100A/E04, Assoc. w/ CHWP
4705-XFMR0001	Transformer, Rm B101, 1st Floor
4705-XFMR0002	Transformer, Rm B119, 1st Floor
4705-XFMR0003	Transformer, Rm B119C/Rm E08, West Outside
4705-XFMR0004	Transformer, Rm E09 West Outside
4705-XFMR0005	Transformer, Rm E09 West Outside
4705-XFMR0006	Transformer, Rm E09 West Outside
4705-XFMR0007	Transformer, Rm E101/Rm E01, North End East Outside
4705-XFMR0008	Transformer, Rm E101/Rm E01, North End East Outside
4705-XFMR0009	Transformer, Rm C101 Col 2 South, 1st Floor
4705-XFMR0010	Transformer, Rm C101 Col 10 South, 1st Floor
4705-XFMR0011	Transformer, Rm C101 Col 16 North, 1st Floor
4705-XFMR0012	Transformer, Rm C101 Col 12 North, 1st Floor
4705-XFMR0013	Transformer, Rm C101 Col 8 North, 1st Floor
4705-XFMR0014	Transformer, Rm C101 Col 2 Stairs, 1st Floor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4705-XFMR0015	Transformer, Rm E107/ Rm E10, NW Corner Outside
4705-XFMR0016	Transformer, Col 12, High Bay, South Wall, Rm 124
4705-XFMR0017	Transformer, Rm C102 North Wall, 1st Floor
4705-XFMR0018	Transformer, Rm C102 North Wall, 1st Floor
4705-XFMR0019	Transformer, 2nd Floor, South Wall
4705-XFMR0020	Transformer, Rm 124 Col A East, 1st Floor
4705-XFMR0021	Transformer, Rm 124 Col D East, 1st Floor
4705-XFMR0022	Transformer, Rm 124 Col D East, 1st Floor
4705-XFMR0023	Transformer, Rm 124 Col K East, 1st Floor
4705-XFMR0024	Transformer, Rm 124 Col L East, 1st Floor
4705-XFMR0025	Transformer, Rm 124 Col L East, 1st Floor
4705-XFMR0026	Transformer, Rm 124 Col N East, 1st Floor
4705-XFMR0027	Transformer, Rm 124 Col T East, 1st Floor
4705-XFMR0028	Transformer, Outside Rm A116, 1st Floor
4705-XFMR0029	Transformer, Outside Rm A116, 1st Floor
4705-XFMR0030	Transformer, Rm 124 Col G East, 1st Floor
4705-XFMR0031	Transformer, Rm 124 Col M East, 1st Floor
4705-XFMR0032	Transformer, Rm 124 Col P East, 1st Floor
4705-XFMR0033	Transformer, Rm 124 Col Q East, 1st Floor
4705-XFMR0034	Transformer, Rm 124 Col T East, 1st Floor
4705-XFMR0035	Transformer, Rm 124 Col J West, 1st Floor
4705-XFMR0036	Transformer, Rm 124 Col K West, 1st Floor
4705-XFMR0037	Transformer, Rm 124 Col L West, 1st Floor
4705-XFMR0038	Transformer, Rm 124 Col N West, 1st Floor
4705-XFMR0039	Transformer, Rm 124 Col N West, 1st Floor
4705-XFMR0040	Transformer, Rm 124 Col P West, 1st Floor
4705-XFMR0041	Transformer, Rm 124 Col U West, 1st Floor
4705-XFMR0042	Transformer, Rm 124 Col R West, 1st Floor
4705-XFMR0043	Transformer, Rm 124 Col P West, 1st Floor
4705-XFMR0044	Transformer, NBS Area Outside Rm B111
4705-XFMR0045	Transformer, NBS Area Outside Rm B111
4705-XFMR0046	Transformer, Above Rm C108
4705-XFMR0047	Transformer, NBS Area Outside Rm B111
4705-XFMR0048	Transformer, NBS Area Outside Rm B111
4705-XFMR0049	Transformer, NBS Area Outside North
4705-XFMR0050	Transformer, Rm C110, 1st Floor
4705-XFMR0051	Transformer, Rm C101 Col 16 North, 1st Floor
4705-XFMR0052	Transformer, Rm C101 Col 12 North, 1st Floor
4705-XFMR0053	Transformer, Rm C101 Col 8 North, 1st Floor
4705-XFMR0054	Transformer, Rm C101 Col 12 South, 1st Floor
4705-XFMR0055	Transformer, Rm C101 Col 16 North, 1st Floor
4705-XFMR0056	Transformer, Rm C101 Col 12 North, 1st Floor
4705-XFMR0057	Transformer, Rm C101 Col 8 North, 1st Floor
4705-XFMR0058	Transformer, Rm C101 Col 12 South, 1st Floor
4705-XFMR0082	Transformer, High Bay, Column T
4707-ACMP0001	Air Compressor Control, Rm T112E/Rm E04 - Disconnect room E4
4707-ACMP0003	Air Compressor Control, Rm 129C/Rm E01 - Disconnect room E1
4707-ACMP0005	Air Compressor Control, East Outside, Rm 120E - Disconnect room 120 east
4707-ACMP0006	Air Compressor Cntrl, S Wall Rm 119 Clmns 4&5
4707-ADRY0001	Air Dryer, Rm T112E/Rm E04 - Disconnect in room E4
4707-ADRY0002	Air Dryer, Tower Level 2 - Disconnect at dryer
4707-ADRY0003	Air Dryer, Rm 129C/Rm E01 - Disconnect at dryer
4707-ADRY0004	Air Dryer, High Bay, South, Rm 119 - Disconnect south wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-ADRY0005	Air Dryer, 1st Floor, East Outside, Rm 120E - Disconnect east room
4707-ADRY0006	Air Dryer, Rm 142 Roof
4707-AH0001	Air Handling Unit, High Bay Roof - Disconnect on unit
4707-AH0002	Air Handling Unit, High Bay Roof - Disconnect on unit
4707-AH0003	Air Handling Unit, High Bay Roof - Disconnect on unit
4707-AH0004	Air Handling Unit, Rm 109A Overhead - Disconnect on unit
4707-AH0005	Air Handling Unit, Rm 109A Overhead - Disconnect on unit
4707-AH0006	Air Handling Unit, Rm 109B - Disconnect on unit
4707-AH0007	Air Handling Unit, Overhead Rm 107 - Disconnect on unit
4707-AH0008	Air Handling Unit, Mens Rm - Disconnect on unit
4707-AH0009	Air Handling Unit, Rm 103 - Disconnect on unit
4707-AH0010	Air Handling Unit, 2nd Level, Tower - Disconnect on unit
4707-AH0011	Air Handling Unit, 4th Level, Tower - Disconnect on unit
4707-AH0012	Air Handling Unit, Rm 138D/Rm E02 - Disconnect room E2
4707-AH0013	Air Handling Unit, Rm 122/Rm E03 - Disconnect in room E3
4707-AH0014	Air Handling Unit, Rm 123A/Rm E6 Overhead - Disconnect in room E6
4707-AH0015	Air Handling Unit, Rm 142 - Disconnect on unit
4707-AH0016	Air Handling Unit, Sofi Spray Roof - Disconnect on unit
4707-AH0017	Air Handling Unit, Sofi Spray Roof - Disconnect on unit
4707-AH0018	Air Handling Unit, Water Blast Roof - Disconnect on unit
4707-AH0019	Air Handling Unit, Over High Bay Door Rm 109B - Disconnect on unit
4707-AH0020	Air Handling Unit, Rm 131 Overhead - Disconnect on unit
4707-AH0021	Air Handling Unit, Rm 131 - Disconnect on unit - Disconnect on unit
4707-AH0021	Air Handling Unit, Rm 131 - Disconnect on unit - Disconnect on unit
4707-AH0022	Air Handling Unit, Sofi Spray Area - Disconnect on unit
4707-AH0023	Air Handling Unit, Rm 157B Overhead - Disconnect on unit
4707-AH0024	Air Handling Unit, High Bay, East End, Rm 119 - Disconnect on unit
4707-AH0025	Air Handling Unit, Rm 157A Overhead - Disconnect on unit
4707-AH0026	Air Handling Unit, High Bay, East End, Rm 119 - Disconnect on unit
4707-AH0028	Air Handling Unit, Rm 114 - Disconnect on unit
4707-AH0029	Air Handling Unit, Rm 114 Overhead - Disconnect on unit
4707-AH0031	Air Handling Unit, Rm 129C/Rm E01 - Disconnect room E1
4707-AH0032	Air Handling Unit, Rm Rm 123A/Rm E6 - Disconnect in room E6
4707-AH0033	Air Handling Unit, Rm 122/Rm E03 - Disconnect in room E3
4707-AH0035	Air Handling Unit, Rm 226A Overhead - Disconnect on unit
4707-AH0036	Air Handling Unit, Rm 130 Overhead
4707-AH0037	Air Handling Unit, Rm 100
4707-AH0038	Air Handling Unit, Rm 106H/E-7
4707-AH0047	Air Handling Unit, Rm B202 - Disconnect on unit
4707-ATS0001	Auto Transfer Switch, Rm 129C/Rm E01
4707-BATB0001	Battery Bank, Rm 103
4707-BATB0002	Battery Bank, Column 10, Hallway, High Bay, Rm 119 - REMOVED 6/5/06
4707-BATB0003	Battery Bank, Sofi Spray Area
4707-BATB0004	Battery Bank, Rm 129B
4707-BATB0005	Battery Bank, Rm 106
4707-BFP0001	Back Flow Preventer - Hot Water, Rm 138D/Rm E02
4707-BFP0002	Back Flow Preventer - Chilled Water, Rm T112/E4
4707-BLR0001	Steam Boiler, Rm 110/Rm E05 - Disconnect in room E5
4707-BPD0001	Buss Plug Disconnect, High Bay, S Wall, Col 2
4707-BPD0002	Buss Plug Disconnect, High Bay, S Wall, Col 2
4707-BPD0003	Buss Plug Disconnect, High Bay, S Wall, Col 2
4707-BPD0004	Buss Plug Disconnect, High Bay, S Wall, Col 3
4707-BPD0005	Buss Plug Disconnect, High Bay, S Wall, Col 3

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-BPD0006	Buss Plug Disconnect, High Bay, S Wall, Col 3
4707-BPD0007	Buss Plug Disconnect, High Bay, S Wall, Col 3
4707-BPD0008	Buss Plug Disconnect, High Bay, South, Col 4
4707-BPD0009	Buss Plug Disconnect, High Bay, South, Col 4
4707-BPD0010	Buss Plug Disconnect, High Bay, South, Col 4
4707-BPD0011	Buss Plug Disconnect, High Bay, South, Col 4
4707-BPD0012	Buss Plug Disconnect, High Bay, South, Col 6
4707-BPD0013	Buss Plug Disconnect, High Bay, South, Col 6
4707-BPD0014	Buss Plug Disconnect, High Bay, South, Col 8
4707-BPD0015	Buss Plug Disconnect, High Bay, South, Col 8
4707-BPD0016	Buss Plug Disconnect, High Bay, South, Col 8
4707-BPD0017	Buss Plug Disconnect, High Bay, South, Col 8
4707-BPD0018	Buss Plug Disconnect, High Bay, South, Col 9
4707-BPD0019	Buss Plug Disconnect, High Bay, South, Col 9
4707-BPD0020	Buss Plug Disconnect, High Bay, South, Col 9
4707-BPD0021	Buss Plug Disconnect, High Bay, South, Col 10
4707-BPD0022	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0023	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0024	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0025	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0026	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0027	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0028	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0029	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0030	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0031	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0032	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0033	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0034	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0035	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0036	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-BPD0037	Buss Plug Disconnect, High Bay, South, Col 11-20
4707-CBP0001	Circuit Breaker Panel, High Bay, Btwn Col 5 & 6
4707-CBP0002	Circuit Breaker Panel, High Bay, N Wall, Col 10
4707-CBP0003	Circuit Breaker Panel, High Bay N. Wall
4707-CBP0004	Circuit Breaker Panel, High Bay N. Wall
4707-CBP0005	Circuit Breaker Panel, 134, East Wall
4707-CBP0015	Circuit Breaker Panel, East, Outside
4707-CBP0017	Circuit Breaker Panel, 134, E Wall
4707-CBP0018	Circuit Breaker Panel, T112E/E-04
4707-CBP0019	Circuit Breaker Panel, High Bay, N Wall, Btwn Col 16&17
4707-CBS0001	Circuit Breaker Starter, High Bay, Btwn Col 3 & 4
4707-CBS0002	Circuit Breaker Starter, High Bay, Btwn Col 6 & 7
4707-CBS0003	Circuit Breaker Starter, High Bay, Btwn Col 7 & 8
4707-CBS0004	Circuit Breaker Starter, High Bay, Btwn Col 8 & 9
4707-CBS0005	Circuit Breaker Starter, 101
4707-CBS0007	Circuit Breaker Starter, High Bay, S Wall, Col 3
4707-CBS0008	Circuit Breaker Starter, 110/E-05
4707-CBS0009	Circuit Breaker Starter, High Bay, South, Col 8
4707-CBS0010	Circuit Breaker Starter, 123A/E-06
4707-CBS0011	Circuit Breaker Starter, T112E/E-04
4707-CBS0013	Circuit Breaker Starter, 129C/E-01
4707-CBS0027	Circuit Breaker Starter, 129C/E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4707-CBX0014	Control Box, N Tower, 1ST Floor
4707-CHLR0001	Water Chiller, Rm T112E/Rm E04
4707-CHLR0002	Water Chiller, Rm T112E/Rm E04
4707-CHLR0003	Air Cooled Chiller, Outside SW Corner - Disconnect SW corner
4707-CHWP0001	Chill Water Pump, Rm T112E/Rm E04 - Disconnect in room E4
4707-CHWP0002	Chill Water Pump, Rm T112E/Rm E04 - Disconnect in room E4
4707-CHWP0004	Chill Water Pump, Rm 138D/Rm E02 - Disconnect room E2-REMOVED per K. Primm 8/29/05
4707-CODT0001	Carbon Monoxide Detection Sys, Tower, N Side
4707-CODT0002	Carbon Monoxide Detection System, Rm 155 Sofi Area
4707-CODT0003	Carbon Monoxide Detection Sys, 114 Outside South
4707-COIL001A	Chilled Water Coil, AH0001, High Bay Roof
4707-COIL001B	Hot Water/Steam Coil, AH0001, High Bay Roof
4707-COIL002A	Chilled Water Coil, AH0002, High Bay Roof
4707-COIL002B	Hot Water/Steam Coil, AH0002, High Bay Roof
4707-COIL003A	Chilled Water Coil, AH0003, High Bay Roof
4707-COIL003B	Hot Water/Steam Coil, AH0003, High Bay Roof
4707-COIL004A	Chilled Water Coil, AH0004, Rm 109A
4707-COIL004B	Hot Water/Steam Coil, AH0004, Rm 109A
4707-COIL005A	Chilled Water Coil, AH0005, Rm 109A
4707-COIL005B	Hot Water/Steam Coil, AH0005, Rm 109A
4707-COIL006A	Chilled Water Coil, AH0006, Rm 109B
4707-COIL006B	Hot Water/Steam Coil, AH0006, Rm 109B
4707-COIL007A	Chilled Water Coil, AH0007, Rm 107
4707-COIL007B	Hot Water/Steam Coil, AH0007, Rm 107
4707-COIL008A	Chilled Water Coil, AH0008, Mens Rm
4707-COIL008B	Hot Water/Steam Coil, AH0008, Mens Rm
4707-COIL009A	Chilled Water Coil, AH0009, Rm 103
4707-COIL009B	Hot Water/Steam Coil, AH0009, Rm 103
4707-COIL010A	Chilled Water Coil, AH0010, 2nd Level Tower
4707-COIL010B	Hot Water/Steam Coil, AH0010, 2nd Level Tower
4707-COIL011A	Chilled Water Coil, AH0011, 4th Level Tower
4707-COIL011B	Hot Water/Steam Coil, AH0011, 4th Level Tower
4707-COIL012A	Chilled Water Coil, AH0012, Rm 138D/E-2
4707-COIL012B	Hot Water/Steam Coil, AH0012, Rm 138D/E-2
4707-COIL013A	Chilled Water Coil, AH0013, Rm 122/E-3
4707-COIL013B	Hot Water/Steam Coil, AH0013, Rm 122/E-3
4707-COIL014A	Chilled Water Coil, AH0014, Rm 123A/E-6
4707-COIL014B	Hot Water/Steam Coil, AH0014, Rm 123A/E-6
4707-COIL015A	Chilled Water Coil, AH0015, Rm 142
4707-COIL015B	Hot Water/Steam Coil, AH0015, Rm 142
4707-COIL016A	Chilled Water Coil, AH0016, Sofi Spray Roof
4707-COIL016B	Hot Water/Steam Coil, AH0016, Sofi Spray Roof
4707-COIL017A	Chilled Water Coil, AH0017, Sofi Spray Roof
4707-COIL017B	Hot Water/Steam Coil, AH0017, Sofi Spray Roof
4707-COIL018A	Chilled Water Coil, AH0018, Water Blast Roof
4707-COIL018B	Hot Water/Steam Coil, AH0018, Water Blast Roof
4707-COIL019A	Chilled Water Coil, AH0019, Rm 109B, Over High Bay Door
4707-COIL019B	Hot Water/Steam Coil, AH0019, Rm 109B, Over High Bay Door
4707-COIL020A	Chilled Water Coil, AH0020, Rm 131
4707-COIL020B	Hot Water/Steam Coil, AH0020, Rm 131
4707-COIL021A	Chilled Water Coil, AH0021, Rm 131
4707-COIL021B	Hot Water/Steam Coil, AH0021, Rm 131
4707-COIL022A	Chilled Water Coil, AH0022, Sofi Spray Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-COIL022B	Hot Water/Steam Coil, AH0022, Sofi Spray Area
4707-COIL023A	Chilled Water Coil, AH0023, Rm 157B
4707-COIL023B	Hot Water/Steam Coil, AH0023, Rm 157B
4707-COIL024A	Chilled Water Coil, AH0024, Rm 119, E End
4707-COIL024B	Hot Water/Steam Coil, AH0024, Rm 119, E End
4707-COIL025A	Chilled Water Coil, AH0025, Rm 157A
4707-COIL025B	Hot Water/Steam Coil, AH0025, Rm 157A
4707-COIL026A	Chilled Water Coil, AH0026, Rm 119, E End
4707-COIL026B	Hot Water/Steam Coil, AH0026, Rm 119, E End
4707-COIL028A	Chilled Water Coil, AH0028, Rm 114
4707-COIL028B	Hot Water/Steam Coil, AH0028, Rm 114
4707-COIL029A	Chilled Water Coil, AH0029, Rm 114
4707-COIL029B	Hot Water/Steam Coil, AH0029, Rm 114
4707-COIL031A	Chilled Water Coil, AH0031, Rm 129C/E-1
4707-COIL031B	Hot Water/Steam Coil, AH0031, Rm 129C/E-1
4707-COIL032A	Chilled Water Coil, AH0032, Rm 123A/E-6
4707-COIL032B	Hot Water/Steam Coil, AH0032, Rm 123A/E-6
4707-COIL033A	Chilled Water Coil, AH0033, Rm 122/E-3
4707-COIL033B	Hot Water/Steam Coil, AH0033, Rm 122/E-3
4707-COIL035A	Chilled Water Coil, AH0035, Rm 226A
4707-COIL035B	Hot Water/Steam Coil, AH0035, Rm 226A
4707-COIL036A	Chilled Water Coil, AH0036, Rm 130
4707-COIL036B	Hot Water/Steam Coil, AH0036, Rm 130
4707-COIL037A	Chilled Water Coil, AH0037, Rm 100
4707-COIL037B	Hot Water/Steam Coil, AH0037, Rm 100
4707-COIL038A	Chilled Water Coil, AH0038, Rm 106H/E-7
4707-COIL038B	Hot Water/Steam Coil, AH0038, Rm 106H/E-7
4707-COIL047A	Chilled Water Coil, AH0047, Rm B202
4707-COIL047B	Hot Water/Steam Coil, AH0047, Rm B202
4707-CRN0001	20-Ton Bridge Crane, High Bay, East End, Rm 119 - Disconnect at S.WALL CENTER HIGHBAY
4707-CRN0002	20-Ton Bridge Crane, High Bay, West End, Rm 119 - Disconnect at S.WALL CENTER HIGHBAY
4707-CRN0003	3-Ton Bridge Crane, Rm 128 - Disconnect at NORTH WALL
4707-CRN0005	5-Ton Bridge Crane, Rm 121 - Disconnect at EAST WALL
4707-CRN0006	3-Ton Bridge Crane, Rm 101 - Disconnect at EAST WALL
4707-CRN0007	60-Ton Bridge Crane, Tower - Disconnect at CONTROL CABINET E.END.
4707-CRN0008	5-Ton Bridge Crane, RM 100, N. HIGHBAY
4707-CRU0001	Computer Room Unit, High Bay, East End, Rm 119 - Disconnect at unit
4707-CRU0002	Computer Room Unit, Rm 102 - Disconnect at unit
4707-CRU0003	Computer Room Unit, Rm 102A - Disconnect at unit
4707-CRU0004	Computer Room Unit, Rm 129C/Rm E01 - Disconnect at unit
4707-CRU0005	Computer Room Unit, Rm 133 - Disconnect at unit
4707-CRU0006	Computer Room Unit, Rm 157B - Disconnect at unit
4707-DHUM0001	Dehumidifier, Sofi Area, South
4707-DHUM0002	Dehumidifier, Mezzanine/Rm E07
4707-DHUM0003	Dehumidifier, Rm 123A/Rm E6
4707-DHUM0004	Dehumidifier, Rm 131
4707-DOOR0001	Sliding Door, Tower, Rm T100, E. Entrance - Disconnect at electrical panel
4707-DOOR0002	Electric Roll-Up Door, SW Corner, Rm 120 - Disconnect at door
4707-DOOR0003	Roll-Up Door, North End, Rm 150 - Disconnect at door
4707-DOOR0004	Roll-Up Door, North Wall, Rm 121 - Disconnect at door
4707-DOOR0005	Roll-Up Door, Rm 129 - Disconnect at door
4707-DOOR0006	Electric Roll-Up Door, North Wall, Rm 155 - Disconnect at door
4707-DOOR0007	Electric Roll-Up Door, North Wall, Rm 156 - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-DOOR0008	Electric Roll-Up Door, South Wall, Rm 156 - Disconnect at door
4707-DOOR0009	Electric Roll-Up Door, NW Corner, Rm 119 - Disconnect at door
4707-DOOR0010	Electric Roll-Up Door, South Wall, Rm 109A - Disconnect at door
4707-DOOR0011	Electric Roll-Back Door, East End, Rm 119
4707-DOOR0012	Electric Roll-Back Door, East End, Rm 119
4707-DOOR0013	Manual Sliding Door, South Side, Rm 132A
4707-DOOR0014	Electric Roll-up Door, Rm 120F - Disconnect at door
4707-DOOR0015	Electric Roll-up Door, South Wall, Rm 101 - Disconnect at door
4707-DOOR0016	Electric Roll-up Door, Rm 103, South Wall - Disconnect at door - Disconnect at door
4707-DOOR0016	Electric Roll-up Door, Rm 103, South Wall - Disconnect at door - Disconnect at door
4707-DOOR0017	Electric Roll-up Door, Rm T110, East Wall - Disconnect at door
4707-DOOR0018	Electric Roll-up Door, Rm 160 North Side - Disconnect at door
4707-DOOR0019	Manual Roll-up Door, Storage Rm 126C S Door - Disconnect at door
4707-DOOR0020	Manual Roll-up Door, Storage Rm 126C W Door - Disconnect at door
4707-DOOR0021	Electric Roll-up Door, East Side Inside, Rm 120B - Disconnect at door
4707-DOOR0022	Manual/Electric Personnel Door, North Entrance
4707-DOOR0023	Automatic Personnel Door, North Entrance
4707-DOOR0024	Electric Roll-Up Door, East Wall, Rm 100
4707-DOOR0025	Electric Roll-up Door, West Wall, Rm 100
4707-DOOR0026	Electric Roll-up Door, North End, Rm 114
4707-DOOR0027	Electric Roll-up Door, East Wall, Rm 142
4707-DOOR0028	Electric Roll-up Door, East Wall, Rm 124
4707-DUST0001	Dust Collector, Rm 107
4707-DXAC0002	Direct Expansion AC Unit, Rm 124A - Disconnect at unit
4707-DXAC0002	Direct Expansion AC Unit, Rm 124A - Disconnect at unit
4707-DXAC0003	Direct Expan. AC Unit, SE Crnr Above Rm 120b - Disconnect at unit
4707-DXAC0003	Direct Expan. AC Unit, SE Crnr Above Rm 120b - Disconnect at unit
4707-DXAC0004	Direct Expansion AC Unit, Rm 156 - Disconnect at unit
4707-DXAC0004	Direct Expansion AC Unit, Rm 156 - Disconnect at unit
4707-DXAC0004	Direct Expansion AC Unit, Rm 156 - Disconnect at unit
4707-DXAC0005	Direct Expansion AC Unit, Rm 106H - Disconnect at unit
4707-DXAC0006	Direct Expansion AC Unit, Tower Level 1 1/2 - Disconnect at unit
4707-DXAC0007	Direct Expansion AC Unit, 3.5 Level, Tower - Disconnect at unit
4707-DXAC0009	Direct Expansion AC Unit, Rm 126B - Disconnect at unit
4707-EAF0001	Exhaust Blower Fan, Rm 129C/Rm E01 - Disconnect at fan motor
4707-EAF0002	Exhaust Blower Fan, Rm 123A/Rm E6 - Disconnect in room E6
4707-EAF0003	Exhaust Blower Fan, Sofi Roof - Disconnect at fan motor
4707-EAF0004	Exhaust Blower Fan, Water Blast Roof - Disconnect at fan motor
4707-EAF0005	Exhaust Blower Fan, Rm 128 Overhead - Disconnect at fan motor
4707-EAF0006	Exhaust Blower Fan, Rm 114 Overhead - Disconnect at fan motor
4707-EAF0007	Exhaust Blower Fan, Tower T212 - Disconnect at fan motor
4707-EAF0008	Exhaust Blower Fan, Rm 131 - Disconnect at fan motor
4707-EAF0010	Fan Exhaust Blower, Rm 160
4707-ELEV0002	Cable Elevator, Tower - Disconnect at elevator
4707-EW0001	Safety Eyewash, Rm 122/Rm E03
4707-EW0002	Safety Eyewash, Rm 132A
4707-EW0003	Safety Eyewash, Sofi Area - REMOVED Per K. Primm 8/29/05
4707-EW0004	Safety Eyewash, Rm 130
4707-EW0005	Safety Eyewash, 1st Level, Tower
4707-EW0006	Safety Eyewash, Sofi Area
4707-EW0007	Safety Eyewash, Rm 132A
4707-EW0008	Safety Eyewash, South Side, Sofi Control Rm, Rm 154
4707-EW0009	Eyewash Station, SW Corner Rm 153, Sofi Pump Room

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-FAS0001	Fire Alarm System, N. Entrance
4707-FID0001	Field Interface Device, High Bay, Rm 119
4707-FIRP0001	Diesel Fire Pump, Rm 141/E-8
4707-FWP0001	Feed Water Pump, Rm 110/Rm E05 - Disconnect in room E5
4707-FWP0002	Feed Water Pump, Rm 110/Rm E05 - Disconnect in room E5
4707-GEN0001	Emergency Generator, Outside South
4707-HDT0001	Hydrogen Detection System, Rm 101
4707-HST0001	1-Ton Air Hoist, Rm 121
4707-HST0003	1-Ton Chain Hoist, Rm 107 - Disconnect at GANTRY LEG
4707-HST0004	1-Ton Electric Hoist, Rm 157 Vacuum Chamber - Disconnect at WEST WALL
4707-HST0005	1-Ton Electric Hoist, Rm 136 - Disconnect at WEST WALL
4707-HST0006	1-Ton Electric Hoist, Tower Rm T112, West End
4707-HST0007	1/2-Ton Electric Hoist, Rm 131 - Disconnect at NORTH WALL
4707-HST0008	1/2-Ton Electric Hoist, Tower Level 2 - Disconnect at NORTH WEST WALL
4707-HST0009	Hoist 1/4-Ton Electric Jib, Rm 121 - Disconnect at BEAM EAST SIDE HOIST
4707-HST0010	3-Ton Electric Hoist, Rm 136 - Disconnect at WEST WALL
4707-HST0011	3-Ton Electric Hoist, Rm 136 - Disconnect at WEST WALL
4707-HST0012	300 Lb. Electric Hoist, Tower, 2nd Level - Disconnect at MOUNTED ON JIB
4707-HST0014	5-Ton Electric Hoist, Rm 120B - Disconnect at SOUTH WEST CORNER
4707-HUM0001	Humidifier Rm 129C/Rm E01
4707-HUM0002	Humidifier, Rm 123A/Rm E6 - Disconnect in room E6
4707-HUM0003	Humidifier, Rm 123A/Rm E6 - Disconnect in room E6
4707-HUM0004	Humidifier, High Bay, Rm 101 - Disconnect at unit
4707-HUM0005	Humidifier, Rm 114 Overhead - Disconnect at unit
4707-HUM0006	Humidifier, Mezzanine/E07 - Disconnect at unit
4707-HUM0007	Humidifier, Mezzanine/E07 - Disconnect at unit
4707-HUM0008	Humidifier, Mezzanine/E07 - Disconnect at unit
4707-HUM0009	Humidifier, Tower Level 2 South End - Disconnect at unit
4707-HUM0010	Humidifier, 3rd Level, Tower, West End - Disconnect at unit
4707-HUM0011	Humidifier, Rm 131 - Disconnect at unit
4707-HUM0012	Humidifier, Rm 100
4707-HUM0013	Humidifier, Rm T112B
4707-HUM0014	Humidifier, Rm 122/E-3
4707-HV0002	Heating Vent, High Bay, North End, Rm 119
4707-HV0003	Heating Vent, High Bay, South End, Rm 119
4707-HV0004	Heating Vent, High Bay, South End, Rm 119
4707-HV0005	Heating Vent, High Bay, South End, Rm 119
4707-HV0006	Heating Vent, Sofi Roof
4707-HV0007	Heating Vent, Tower Level 2
4707-HV0008	Heating Vent, High Bay Ceiling, South End, Rm 119
4707-HV0009	Heating Vent, Tower Level 2
4707-HV0010	Heating Vent, Tower Level 2
4707-HV0011	Heating Vent, Tower Level 2
4707-HV0012	Heating Vent, Tower Level 2
4707-HV0013	Heating Vent, Tower Level 2
4707-HV0014	Heating Vent, Tower Level 2
4707-HWHD0001	Hot Water Heater - Domestic, Janitor's Closet - Disconnect at heater
4707-HWHD0002	Hot Water Heater - Domestic, Tower Level 2 - Disconnect at heater
4707-HWHD0003	Hot Water Heater - Domestic, Rm 138D/Rm E02 - Disconnect room E2
4707-HWHD0004	Hot Water Heater - Domestic, Under Sink - Disconnect at heater
4707-HWHD0005	Hot Water Heater - Domestic, Rm 123A/Rm E6 - Disconnect in room E6
4707-HWHD0006	Hot Water Heater - Domestic, Rm 129C/Rm E01 - Disconnect at heater
4707-HWHD0007	Hot Water Heater - Domestic, Rm 138D/Rm E02 - Disconnect room E2

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-HWHD0008	Hot Water Heater - Domestic, Rm 122/Rm E03 - Disconnect in room E3
4707-HWP0001	Hot Water Pump, Rm 129C/Rm E01 - Disconnect at pump
4707-HWP0002	Hot Water Pump, Rm 129C/Rm E01 - Disconnect at pump
4707-HWP0003	Hot Water Pump, Rm 138D/Rm E02 - Disconnect room E2
4707-HWP0004	Pump Hot Water, Rm 122/E-3
4707-HWP0005	Pump Hot Water, Rm 122/E-3
4707-HWP0006	Pump Hot Water, Rm 126C
4707-HWP0007	Pump Hot Water, Rm 126C
4707-LC0001	Lighting Contactor, Hallway Outside 123
4707-LROD0001	Lightning Protection System, Roof
4707-LTS0001	Aviation Lights, Roof
4707-LTS0002	Emergency Lighting - N. Stairs, 2nd Level, Tower
4707-LTS0003	Emergency Lighting - N. Stairs, 3rd Level, Tower
4707-LTS0004	Emergency Lighting - N. Stairs, 4th Level, Tower
4707-LTS0005	Emergency Lighting - N. Stairs 5th Level, Tower
4707-LTS0006	Emergency Lighting - N. Stairs, 6th Level, Tower
4707-LTS0007	Emergency Lighting - N. Stairs 12 Level, Tower
4707-LTS0008	Emergency Lighting - N. Stairs 11 Level, Tower
4707-LTS0009	Emergency Lighting - N. Stairs 10 Level, Tower
4707-LTS0010	Emergency Lighting - N. Stairs 9 Level, Tower
4707-LTS0011	Emergency Lighting - N. Stairs 8 Level, Tower
4707-LTS0012	Emergency Lighting - N. Stairs 7 Level, Tower
4707-LTS0013	Emergency Lighting - S. Stairs 10 Level, Tower
4707-LTS0014	Emergency Lighting - S. Stairs 9 Floor, Tower
4707-LTS0015	Emergency Lighting - S. Stairs 8 Floor, Tower
4707-LTS0016	Emergency Lighting - S. Stairs, 7th Floor, Tower
4707-LTS0017	Emergency Lighting - S. Stairs, 6th Level, Tower
4707-LTS0018	Emergency Lighting - S. Stairs, 5th Level, Tower
4707-LTS0019	Emergency Lighting - S. Stairs, 4th Level, Tower
4707-LTS0020	Emergency Lighting - S. Stairs, 3rd Level, Tower
4707-LTS0021	Emergency Lighting - S. Stairs, 2nd Level, Tower
4707-LTS0022	Emergency Lighting - S. Stairs, 1st Level, Tower
4707-LTS0023	Emergency Lighting - S. Stairs, 1st Level, Tower
4707-LTS0024	Emergency Lighting - N. Stairs, 1st Level, Tower
4707-LTS0026	Emergency Lighting - Rm 114 E. Wall
4707-LTS0027	Emergency Lighting - Rm 120B
4707-LTS0028	Emergency Lighting - Rm 124
4707-LTS0029	Emergency Lighting - Rm 121 N. Wall
4707-LTS0030	Emergency Lighting - Rm 121 S. Wall
4707-LTS0031	Emergency Lighting - Rm 121 E. Wall
4707-LTS0032	Emergency Lighting - Rm 121 W. Wall
4707-LTS0033	Emergency Lighting - Hall Near Stairs
4707-LTS0034	Emergency Lighting - Hall by Rm 126
4707-LTS0035	Emergency Lighting - Stairs Down Rm 226
4707-LTS0036	Emergency Lighting - Rm 226
4707-LTS0037	Emergency Lighting - Rm 226A
4707-LTS0038	Emergency Lighting - Rm T 110 Tower
4707-LTS0039	Emergency Lighting - Rm T 112A
4707-LTS0040	Emergency Lighting - N. Stairs 1 Fl Tower
4707-LTS0041	Aviation Lights, 10th level North Side Warning Lights, Panel on 9th Flr N Side (UCS#1)
4707-LTS0042	Aviation Lights, 10th level South Side Warning Lights, Panel on 9th Flr S Side (UCS#2)
4707-LTS0043	Aviation Lights, Roof Flashing Lights SE and NW Corner, Panel on 9th Flr S Side (UCS#3)
4707-LTS0044	Aviation Lights, Roof White Beacon, Panel on 9th Flr S Side (UCS#4)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-MCC0001	Motor Control Center, Rm 127
4707-MCC0002	Motor Control Center, Rm T112E/Rm E04
4707-MCC0003	Motor Control Center
4707-MCC0004	Motor Control Center, Rm T112E/Rm E04
4707-MCC0005	Motor Control Center, Rm T112E/Rm E04
4707-ODT0003	Oxygen Detection System, Rm 132
4707-ODT0004	Oxygen Detection System, 114
4707-ODT0007	Oxygen Detection System, High Bay, East End, Rm 160
4707-ODT0008	Oxygen Detection System, Rm 120A
4707-ODT0009	Oxygen Detection System, Rm 120F, East Wall
4707-ODT0010	Oxygen Detection System, Rm 120F, North Wall
4707-ODT0012	Oxygen Detection System, Rm 142, Fast Prototype Area
4707-ODT0013	Oxygen Detection System, Rm 157
4707-ODT0014	Oxygen Detection System, Rm 157B
4707-ODT0015	Oxygen Detection System, Rm 157
4707-ODT0016	Oxygen Detection System, Rm 103
4707-PMP0001	Jockey Pump, Rm 141/E-8
4707-PNL0003	Panel Board, Tower Level 2
4707-PNL0004	Panel Board, Tower Level 2
4707-PNL0005	Panel Board, Tower Level 2
4707-PNL0006	Panel Board, Tower Level 2
4707-PNL0007	Panel Board, Rm T204
4707-PNL0008	Panel Board, Rm T204
4707-PNL0009	Panel Board, Rm T204
4707-PNL0010	Panel Board, Rm T106, Column E4N
4707-PNL0011	Panel Board, Rm T106, Column E4N
4707-PNL0012	Panel Board, Rm T106, Column E4N
4707-PNL0013	Panel Board, Rm T106, Column E4N
4707-PNL0014	Panel Board, Rm 124A
4707-PNL0015	Panel Board, Rm 124A
4707-PNL0016	Panel Board, Rm 124A
4707-PNL0017	Panel Board, Rm T212A
4707-PNL0018	Panel Board, Rm T212A
4707-PNL0019	Panel Board, Rm T212A
4707-PNL0020	Panel Board, High Bay, North Wall, Rm 119
4707-PNL0021	Panel Board, High Bay, Between Columns 7 & 8, Rm 119
4707-PNL0022	Panel Board, High Bay, Between Columns 5 & 6, Rm 119
4707-PNL0023	Panel Board, High Bay, Between Columns 5 & 6, Rm 119
4707-PNL0024	Panel Board, High Bay, Between Columns 4 & 5, Rm 119
4707-PNL0025	Panel Board, High Bay, Between Columns 2 & 3, Rm 119
4707-PNL0026	Panel Board, High Bay, Between Columns 2 & 3, Rm 119
4707-PNL0027	Panel Board, High Bay, Between Columns 16 & 17, Rm 119
4707-PNL0028	Panel Board, Rm 101
4707-PNL0029	Panel Board, Rm 101
4707-PNL0030	Panel Board, Rm 101
4707-PNL0031	Panel Board, Rm 102A
4707-PNL0032	Panel Board, Rm 101
4707-PNL0033	Panel Board, High Bay, Between Columns 7 & 8, Rm 119
4707-PNL0034	Panel Board, High Bay, Between Columns 14 & 15, Rm 119
4707-PNL0035	Panel Board, High Bay, Between Columns 19 & 20, Rm 119
4707-PNL0036	Panel Board, High Bay, Between Columns 16 & 17, Rm 119
4707-PNL0037	Panel Board, High Bay, Between Columns 16 & 17, Rm 119
4707-PNL0038	Panel Board, High Bay, Between Columns 14 & 15, Rm 119

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-PNL0039	Panel Board, High Bay, North Wall - BTW Column 7&8, Rm 119
4707-PNL0040	Panel Board, High Bay, Between Columns 6 & 7, Rm 119
4707-PNL0041	Panel Board, Rm 103
4707-PNL0042	Panel Board, Rm 103
4707-PNL0043	Panel Board, High Bay, Column 4, Rm 119
4707-PNL0044	Panel Board, High Bay, Column 4, Rm 119
4707-PNL0045	Panel Board, High Bay, Column 4, Rm 119
4707-PNL0046	Panel Board, High Bay, Column 4, Rm 119
4707-PNL0047	Panel Board, High Bay, Column 4, Rm 119
4707-PNL0048	Panel Board, High Bay, Column 9, Rm 119
4707-PNL0049	Panel Board, High Bay, Column 8, Rm 119
4707-PNL0050	Panel Board, High Bay, Column 8, Rm 119
4707-PNL0051	Panel Board, High Bay, Column 12, Rm 119
4707-PNL0052	Panel Board, High Bay, Column 14, South, Rm 119
4707-PNL0053	Panel Board, High Bay, Column 16, Rm 119
4707-PNL0054	Panel Board, High Bay, Column 17, Rm 119
4707-PNL0055	Panel Board, High Bay, Column 19, Rm 119
4707-PNL0056	Panel Board, High Bay, Column 20, Rm 119
4707-PNL0057	Panel Board, Rm 120C
4707-PNL0058	Panel Board, Rm 123, Hallway
4707-PNL0059	Panel Board, Rm 123, Hallway
4707-PNL0060	Panel Board, Rm 123
4707-PNL0061	Panel Board, Rm 123A/Rm E6
4707-PNL0062	Panel Board, Rm 123A/Rm E6
4707-PNL0063	Panel Board, Rm 123A/Rm E6
4707-PNL0064	Panel Board, Rm 160
4707-PNL0065	Panel Board, Rm 160
4707-PNL0066	Panel Board, Rm 160
4707-PNL0067	Panel Board, Rm 160
4707-PNL0068	Panel Board, Rm 160
4707-PNL0069	Panel Board, Rm 142
4707-PNL0070	Panel Board, Outside RM 156, East
4707-PNL0071	Panel Board, Outside RM 156, East
4707-PNL0072	Panel Board, Hydro-Laser, Open area above Rm 152.
4707-PNL0073	Panel Board, Rm 152
4707-PNL0074	Panel Board, Rm 153
4707-PNL0075	Panel Board, Rm 153
4707-PNL0076	Panel Board, Rm 129C/Rm E01
4707-PNL0077	Panel Board, Rm 132A
4707-PNL0078	Panel Board, Rm 131
4707-PNL0079	Panel Board, Rm 132A
4707-PNL0080	Panel Board, Rm 127
4707-PNL0081	Panel Board, Outside Rm 129
4707-PNL0082	Panel Board, Rm 131
4707-PNL0083	Panel Board, Outside Rm 133
4707-PNL0084	Panel Board, Rm 134
4707-PNL0085	Panel Board, Rm 134
4707-PNL0086	Panel Board, Rm 134
4707-PNL0087	Panel Board, Rm 134
4707-PNL0088	Panel Board, Rm 134
4707-PNL0089	Panel Board, Rm 134
4707-PNL0090	Panel Board, Rm 102A
4707-PNL0091	Panel Board, Rm 103

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-PNL0092	Panel Board, Rm 132A
4707-PNL0093	Panel Board, Rm 126C
4707-PNL0094	Panel Board, Rm 109A
4707-PNL0095	Panel Board, Rm T204
4707-PNL0096	Panel Board, Rm T212
4707-PNL0097	Panel Board, Rm T212
4707-PNL0098	Panel Board, High Bay, Column 11, Rm 119
4707-PNL0099	Panel Board, Rm 114
4707-PNL0100	Panel Board, Rm 106F
4707-PNL0101	Panel Board, Rm 106F
4707-PNL0102	Panel Board, Rm 106G
4707-PNL0103	Panel Board, Rm 101
4707-PNL0104	Panel Board, Rm 142
4707-PNL0105	Panel Board, Rm 109B
4707-PNL0106	Panel Board, Rm 120F
4707-PNL0107	Panel Board, Rm 120F
4707-PNL0108	Panel Board, Rm 127
4707-PNL0109	Panel Board, Rm Rm 129
4707-PNL0110	Panel Board, Rm 138D/E-02
4707-PNL0112	Panel Board, Rm 100, Outside, South
4707-PNL0114	Panel Board, High Bay, South, Col 17
4707-PNL0115	Panel Board, High Bay, South, Col 9
4707-PNL0116	Panel Board, Tower, Level 7, South
4707-PNL0117	Panel Board, Rm 142
4707-PNL0118	Panel Board, Tower Level 6, South
4707-PNL0119	Panel Board, Rm 157B
4707-PNL0120	Panel Board, Rm 160
4707-PNL0121	Panel Board, Mezzanine
4707-PNL0122	Panel Board, Rm 122/E-03
4707-PNL0123	Panel Board, Rm 122/E-03
4707-ROOF0001	Roof, Main, Bldg 4707
4707-ROOF0002	Roof, Bldg 4707
4707-ROOF0003	Roof, Bldg 4707
4707-ROOF0004	Roof, Bldg 4707
4707-ROOF0005	Roof, Bldg 4707
4707-ROOF0006	Roof, Bldg 4707
4707-ROOF0007	Roof, Bldg 4707
4707-ROOF0008	Roof, Bldg 4707
4707-ROOF0009	Roof, Bldg 4707
4707-ROOF0010	Roof, Bldg 4707
4707-ROOF0011	Roof, Bldg 4707
4707-ROOF0012	Roof, Bldg 4707
4707-ROOF0013	Roof, Bldg 4707
4707-ROOF0014	Roof, Bldg 4707
4707-ROOF0015	Roof, Bldg 4707
4707-ROOF0016	Roof, Bldg 4707
4707-ROOF0017	Roof, Bldg 4707
4707-ROOF0018	Roof, Bldg 4707
4707-ROOF0019	Roof, Bldg 4707
4707-ROOF0020	Roof, Bldg 4707
4707-ROOF0021	Roof, Bldg 4707
4707-ROOF0022	Roof, Bldg 4707
4707-ROOF0023	Roof, Bldg 4707

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4707-ROOF0024	Roof, Bldg 4707
4707-ROOF0025	Roof, Bldg 4707
4707-ROOF0026	Roof, Bldg 4707
4707-ROOF0027	Roof, Bldg 4707
4707-ROOF0028	Roof, Bldg 4707
4707-ROOF0029	Roof, Bldg 4707
4707-ROOF0030	Roof, Bldg 4707
4707-ROOF0031	Roof, Bldg 4707
4707-ROOF0032	Roof, Bldg 4707
4707-SH0001	Safety Shower, Rm 101
4707-SH0002	Safety Shower, 1st Level, Tower
4707-SH0006	Safety Shower, Rm 131
4707-SHEW0001	Safety Shower & Eyewash, Sofi Area, Rm 109A
4707-SHEW0002	Safety Shower & Eyewash, Sofi, Rm 107
4707-SHEW0003	Safety Shower & Eyewash, Rm T212
4707-SHEW0004	Safety Shower & Eyewash, Rm 124
4707-SHEW0005	Safety Shower & Eyewash, Rm 124, Southeast Wall
4707-SPMP001	Sump Pump, Basement, Rm 134 W. End - Disconnect at pump
4707-SPMP002	Pump Sump, Rm 150 In Pit
4707-SPR0001	Sprinkler, Rm 138D/Rm E02
4707-SPR0002	Sprinkler System, Inside West End
4707-SPR0003	Deluge System, Rm T112A
4707-SPR0004	Foam Sprinkler System, E-1/Rm 129C
4707-SPR0005	Sprinkler System, Rm 125
4707-SPR0006	Sprinkler System, S Wall At Clmns 14 & 15
4707-SS0001	Safety Switch, 109A
4707-SS0002	Safety Switch, High Bay, N Wall, Col 2
4707-SS0003	Safety Switch, High Bay, Btwn Col 3 & 4
4707-SS0004	Safety Switch, 109A
4707-SS0005	Safety Switch, 109A
4707-SS0006	Safety Switch, High Bay, Btwn Col 5 & 6
4707-SS0007	Safety Switch, High Bay, Btwn Col 5 & 6
4707-SS0008	Safety Switch, High Bay, Btwn Col 5 & 6
4707-SS0009	Safety Switch, 109A
4707-SS0010	Safety Switch, 109A
4707-SS0011	Safety Switch, High Bay, Btwn Col 6 & 7
4707-SS0012	Safety Switch, High Bay, Btwn Col 6 & 7
4707-SS0013	Safety Switch, High Bay, Btwn Col 6 & 7
4707-SS0015	Safety Switch, 109B
4707-SS0016	Safety Switch, 107
4707-SS0017	Safety Switch, 107
4707-SS0018	Safety Switch, 107
4707-SS0019	Safety Switch, 107
4707-SS0020	Safety Switch, 107
4707-SS0021	Safety Switch, 107
4707-SS0022	Safety Switch, 106H
4707-SS0023	Safety Switch, 106H
4707-SS0024	Safety Switch, 106H
4707-SS0025	Safety Switch, High Bay, N Wall, Col 10
4707-SS0026	Safety Switch, High Bay, N Wall, Col 10
4707-SS0027	Safety Switch, High Bay, N Wall, Col 10
4707-SS0028	Safety Switch, High Bay, Btwn Col 9 & 10
4707-SS0030	Safety Switch, High Bay, Btwn Col 15 & 16

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-SS0031	Safety Switch, High Bay, Btwn Col 16 & 17
4707-SS0033	Safety Switch, 103
4707-SS0034	Safety Switch, High Bay, Btwn Col 17 & 18
4707-SS0035	Safety Switch, High Bay, Btwn Col 18 & 19
4707-SS0037	Safety Switch, 102A
4707-SS0038	Safety Switch, 102A
4707-SS0039	Safety Switch, High Bay, Btwn Col 20 & 21
4707-SS0040	Safety Switch, 101
4707-SS0041	Safety Switch, 101
4707-SS0042	Safety Switch, 101
4707-SS0043	Safety Switch, 101
4707-SS0044	Safety Switch, 101
4707-SS0045	Safety Switch, 101
4707-SS0046	Safety Switch, 101
4707-SS0047	Safety Switch, 101
4707-SS0048	Safety Switch, 101
4707-SS0049	Safety Switch, 101
4707-SS0050	Safety Switch, 101
4707-SS0051	Safety Switch, 140
4707-SS0052	Safety Switch, 140
4707-SS0054	Safety Switch, 140
4707-SS0055	Safety Switch, 139
4707-SS0056	Safety Switch, 153
4707-SS0057	Safety Switch, 151
4707-SS0059	Safety Switch, High Bay, S Wall, Col 3
4707-SS0060	Safety Switch, Hydro Laser, 2ND Level
4707-SS0061	Safety Switch, Hydro Laser, 2ND Level
4707-SS0062	Safety Switch, Hydro Laser, 2ND Level
4707-SS0063	Safety Switch, Hydro Laser, 2ND Level
4707-SS0064	Safety Switch, 110/E-05
4707-SS0065	Safety Switch, High Bay, South, Col 4
4707-SS0066	Safety Switch, High Bay, South, Col 4
4707-SS0067	Safety Switch, High Bay, South, Col 5
4707-SS0068	Safety Switch, High Bay, South, Col 6
4707-SS0069	Safety Switch, High Bay, South, Col 6
4707-SS0071	Safety Switch, High Bay, South, Col 9
4707-SS0072	Safety Switch, High Bay, South, Col 10
4707-SS0073	Safety Switch, High Bay, South, Col 10
4707-SS0073A	Safety Switch, High Bay, South, Col 10
4707-SS0074	Safety Switch, High Bay, South, Col 10
4707-SS0074A	Safety Switch, High Bay, South, Col 10
4707-SS0074B	Safety Switch, High Bay, South, Col 10
4707-SS0075	Safety Switch, High Bay, South, Col 10
4707-SS0078	Safety Switch, High Bay, South, Col 14
4707-SS0080	Safety Switch, High Bay, South, Col 17
4707-SS0081	Safety Switch, High Bay, South, Col 18
4707-SS0082	Safety Switch, High Bay, South, Col 18
4707-SS0083	Safety Switch, High Bay, South, Col 20
4707-SS0084	Safety Switch, In-Orbit Repair
4707-SS0085	Safety Switch, In-Orbit Repair
4707-SS0086	Safety Switch, Bcdl, South
4707-SS0087	Safety Switch, 119, Ardc
4707-SS0088	Safety Switch, 119, Productivity Enhancement

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4707-SS0089	Safety Switch, 142
4707-SS0090	Safety Switch, 142
4707-SS0090A	Safety Switch, 142
4707-SS0093	Safety Switch, West Side Of Rm 140
4707-SS0094	Safety Switch, West Side Rm 140
4707-SS0095	Safety Switch, Outside Rim, South
4707-SS0096	Safety Switch, Outside Rim, South
4707-SS0097	Safety Switch, Outside Rim, South
4707-SS0098	Safety Switch, O.S. Sofi Spray Area, South
4707-SS0099	Safety Switch, O.S. Sofi Spray Area, South
4707-SS0100	Safety Switch, 134, East Wall
4707-SS0101	Safety Switch, 134, East Wall
4707-SS0102	Safety Switch, 134, East Wall
4707-SS0103	Safety Switch, 134, North Wall
4707-SS0104	Safety Switch, 134, North Wall
4707-SS0105	Safety Switch, 134, North Wall
4707-SS0106	Safety Switch, 134, East Wall
4707-SS0107	Safety Switch, 134, East Wall
4707-SS0108	Safety Switch, 134, East Wall
4707-SS0109	Safety Switch, 134, East Wall
4707-SS0113	Safety Switch, 136A
4707-SS0114	Safety Switch, 136
4707-SS0115	Safety Switch, 136
4707-SS0125	Safety Switch, 131
4707-SS0126	Safety Switch, 132A
4707-SS0127	Safety Switch, 132A
4707-SS0128	Safety Switch, 132A
4707-SS0129	Safety Switch, 132A
4707-SS0130	Safety Switch, 132A
4707-SS0131	Safety Switch, 132A
4707-SS0131A	Safety Switch, 132A
4707-SS0131B	Safety Switch, 132A
4707-SS0131C	Safety Switch, 132A
4707-SS0132	Safety Switch, 131
4707-SS0133	Safety Switch, 131
4707-SS0134	Safety Switch, 131
4707-SS0135	Safety Switch, 121
4707-SS0136	Safety Switch, 121
4707-SS0137	Safety Switch, Filament Winding Area
4707-SS0138	Safety Switch, Filament Winding Area
4707-SS0139	Safety Switch, 120B, Tape Wrapping Area
4707-SS0140	Safety Switch, 120A
4707-SS0141	Safety Switch, 120A
4707-SS0141A	Safety Switch, 120A
4707-SS0142	Safety Switch, Hallway Outside Fw
4707-SS0143	Safety Switch, 122E-03
4707-SS0144	Safety Switch, 122/E-03
4707-SS0145	Safety Switch, 122E-03
4707-SS0146	Safety Switch, T106, Col E4N
4707-SS0147	Safety Switch, T106, Col E4N
4707-SS0148	Safety Switch, T106, Col E4N
4707-SS0149	Safety Switch, T106, Col E4N
4707-SS0150	Safety Switch, T106, Col E4N

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-SS0151	Safety Switch, T106, Col E4N
4707-SS0154	Safety Switch, T214
4707-SS0156	Safety Switch, 128
4707-SS0157	Safety Switch, 128
4707-SS0158	Safety Switch, 128
4707-SS0159	Safety Switch, 128
4707-SS0160	Safety Switch, 128
4707-SS0161	Safety Switch, 128
4707-SS0162	Safety Switch, 128, 2ND Floor
4707-SS0163	Safety Switch, 125
4707-SS0164	Safety Switch, 125
4707-SS0166	Safety Switch, 127
4707-SS0168	Safety Switch, 127
4707-SS0176	Safety Switch, T112E/E-04
4707-SS0177	Safety Switch, T112E/E-04
4707-SS0178	Safety Switch, T112E/E-04
4707-SS0179	Safety Switch, T112E/E-04
4707-SS0180	Safety Switch, T104
4707-SS0181	Safety Switch, T104
4707-SS0182	Safety Switch, T204
4707-SS0183	Safety Switch, T112E/E-04
4707-SS0184	Safety Switch, T112E/E-04
4707-SS0185	Safety Switch, T112E/E-04
4707-SS0186	Safety Switch, T112E/E-04
4707-SS0187	Safety Switch, T112E/E-04
4707-SS0188	Safety Switch, T112E/E-04
4707-SS0189	Safety Switch, T112E/E-04
4707-SS0190	Safety Switch, T112E/E-04
4707-SS0191	Safety Switch, T112E/E-04
4707-SS0192	Safety Switch, N Tower, 13TH Floor
4707-SS0193	Safety Switch, N Tower, 13TH Floor
4707-SS0194	Safety Switch, N Tower, 13TH Floor
4707-SS0197	Safety Switch, N Tower, 3RD Floor
4707-SS0198	Safety Switch, N Tower, 3RD Floor
4707-SS0200	Safety Switch, N Tower, 1ST Floor
4707-SS0201	Safety Switch, N Tower, 1ST Floor
4707-SS0202	Safety Switch, W Tower, 1ST Floor
4707-SS0203	Safety Switch, W Tower, 1ST Floor
4707-SS0204	Safety Switch, W Tower, 1ST Floor
4707-SS0205	Safety Switch, S Tower, 1ST Floor
4707-SS0206	Safety Switch, S Tower, 1ST Floor
4707-SS0207	Safety Switch, S Tower, 1ST Floor
4707-SS0208	Safety Switch, S Tower, 1ST Floor
4707-SS0209	Safety Switch, S Tower, 10TH Floor
4707-SS0210	Safety Switch, S Tower, 10TH Floor
4707-SS0213	Safety Switch, S Tower, 9TH Floor
4707-SS0214	Safety Switch, S Tower, 8TH Floor
4707-SS0214A	Safety Switch, S Tower, 8TH Floor
4707-SS0215	Safety Switch, S Tower, 8TH Floor
4707-SS0216	Safety Switch, S Tower, 8TH Floor
4707-SS0217	Safety Switch, Southwest, Outside
4707-SS0218	Safety Switch, Southwest, Outside
4707-SS0219	Safety Switch, Southwest, Outside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-SS0220	Safety Switch, 129C/E-01
4707-SS0221	Safety Switch, 129C/E-01
4707-SS0222	Safety Switch, 129C/E-01
4707-SS0223	Safety Switch, 129C/E-01
4707-SS0224	Safety Switch, 129C/E-01
4707-SS0224A	Safety Switch, 129C/E-01
4707-SS0225	Safety Switch, 129C/E-01
4707-SS0226	Safety Switch, 129C/E-01
4707-SS0227	Safety Switch, 129C/E-01
4707-SS0228	Safety Switch, 129C/E-01
4707-SS0229	Safety Switch, 129C/E-01
4707-SS0230	Safety Switch, South, Outside
4707-SS0231	Safety Switch, South, Outside
4707-SS0232	Safety Switch, South, Outside
4707-SS0233	Safety Switch, North, Outside
4707-SS0234	Safety Switch, North, Outside
4707-SS0235	Safety Switch, East, Outside
4707-SS0237	Safety Switch, East, Outside
4707-SS0238	Safety Switch, East, Outside
4707-SS0239	Safety Switch, Northeast, Outside
4707-SS0240	Safety Switch, Northeast, Outside
4707-SS0244	Safety Switch, 131
4707-SS0245	Safety Switch, 130
4707-SS0246	Safety Switch, 131
4707-SS0247	Safety Switch, Outside Room 129
4707-SS0248	Safety Switch, Outside Room 129
4707-SS0249	Safety Switch, 129
4707-SS0250	Safety Switch, 129
4707-SS0252	Safety Switch, 121
4707-SS0253	Safety Switch, 121
4707-SS0254	Safety Switch, T106, Col E4N
4707-SS0257	Safety Switch, 128
4707-SS0258	Safety Switch, Main Power Sub Station
4707-SS0259	Safety Switch, S Tower, 13TH Floor
4707-SS0260	Safety Switch, 120B
4707-SS0262	Safety Switch, 110/E-05
4707-SS0263	Safety Switch, 122/E-03
4707-SS0264	Safety Switch, 122/E-03
4707-SS0265	Safety Switch, 157
4707-SS0267	Safety Switch, N Tower, 6TH Floor
4707-SS0268	Safety Switch, N Tower, 4TH Floor
4707-SS0270	Safety Switch, 131
4707-SS0271	Safety Switch, 131
4707-SS0272	Safety Switch, 131
4707-SS0273	Safety Switch, 131
4707-SS0274	Safety Switch, 131
4707-SS0275	Safety Switch, High Bay, N Wall, Btwn Col 20&21
4707-SS0276	Safety Switch, 101
4707-SS0277	Safety Switch, High Bay, N Wall, Btwn Col 5&6
4707-SS0278	Safety Switch, High Bay, N Wall, Btwn Col 5&6
4707-SS0279	Safety Switch, High Bay, N Wall, Btwn Col 5&6
4707-SS0280	Safety Switch, High Bay, N Wall, Btwn Col 5&6
4707-SS0281	Safety Switch, 109B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-SS0282	Safety Switch, 109B
4707-SS0283	Safety Switch, 120E
4707-SSS0001	Starter Safety Switch, 109B
4707-SSS0002	Starter Safety Switch, High Bay, Btwn Col 17 & 18
4707-SSS0003	Starter Safety Switch, High Bay, Btwn Col 19 & 20
4707-SSS0005	Starter Safety Switch, Hydro Laser, 2ND Level
4707-SSS0006	Starter Safety Switch, High Bay, South, Col 4
4707-SSS0007	Starter Safety Switch, High Bay, South, Col 10
4707-SSS0008	Starter Safety Switch, 101
4707-SSS0009	Starter Safety Switch, 157 Roof
4707-SSS0009A	Starter Safety Switch, 157 Roof
4707-SSS0009B	Starter Safety Switch, 157 Roof
4707-SSS0009C	Starter Safety Switch, 157 Roof
4707-SSS0010	Starter Safety Switch, 119 Pe
4707-SSS0012	Starter Safety Switch, West Side Of Rm 140
4707-SSS0012A	Starter Safety Switch, West Side Room 140
4707-SSS0012B	Starter Safety Switch, West Side Of Room 140
4707-SSS0012C	Starter Safety Switch, West Side Of Room 140
4707-SSS0013	Starter Safety Switch, West Side Rm 140
4707-SSS0014	Starter Safety Switch, 131
4707-SSS0017	Starter Safety Switch, T214
4707-SSS0018	Starter Safety Switch, N Tower, 13TH Floor
4707-SSS0019	Starter Safety Switch, N Tower, 3RD Floor
4707-SSS0021	Starter Safety Switch, S Tower, 13TH Floor
4707-SSS0025	Starter Safety Switch, 140
4707-SSS0026	Starter Safety Switch, 131
4707-SSS0026A	Starter Safety Switch, 129C/E-01
4707-SSS0027	Starter Safety Switch, 101
4707-SSS0028	Starter Safety Switch, 120F
4707-SSS0028A	Starter Safety Switch, 120F
4707-SSS0028B	Starter Safety Switch, High Bay, New Construction
4707-SSS0029	Starter Safety Switch, 132A
4707-SSS0030	Starter Safety Switch, 129C/E-01
4707-SSS0031	Starter Safety Switch, 131
4707-SSS0032	Starter Safety Switch, 131
4707-SSS0033	Starter Safety Switch, 131
4707-SSS0034	Starter Safety Switch, 129C/E-01
4707-SSS0035	Starter Safety Switch, 129C/E-01
4707-SSS0036	Starter Safety Switch, 129C/E-01
4707-SSS0037	Starter Safety Switch, 129C/E-01
4707-SSS0038	Starter Safety Switch, 129C/E-01
4707-SSS0039	Starter Safety Switch, 129C/E-01
4707-SSS0040	Starter Safety Switch, 129C/E-01
4707-SSS0041	Starter Safety Switch, 129C/E-01
4707-SSS0042	Starter Safety Switch, 129C/E-01
4707-SSS0043	Starter Safety Switch, 110/E-05
4707-STRT0001	Starter, High Bay, Northwall, Col 2
4707-STRT0002	Starter, 106H
4707-STRT0003	Starter, 106H
4707-STRT0004	Starter, 125
4707-STRT0005A	Starter, 103
4707-STRT0005B	Starter, 103
4707-STRT0006	Starter, 103

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-STRT0007	Starter, High Bay, Btwn Col 20 & 21
4707-STRT0008	Starter, 101
4707-STRT0009	Starter, 140
4707-STRT0010	Starter, 139
4707-STRT0011	Starter, 153
4707-STRT0012	Starter, 153
4707-STRT0012A	Starter, 153
4707-STRT0012B	Starter, 153
4707-STRT0014	Starter, 153
4707-STRT0015	Starter, High Bay, S Wall, Col 12
4707-STRT0016	Starter, High Bay, S Wall, Col 3
4707-STRT0016A	Starter, High Bay, S Wall, Col 3
4707-STRT0016B	Starter, High Bay, S Wall, Col 3
4707-STRT0018	Starter, Hydro Laser, 2ND Level
4707-STRT0019	Starter, 110/E-05
4707-STRT0019A	Starter, 110/E-05
4707-STRT0020	Starter, High Bay, South, Col 8
4707-STRT0021	Starter, High Bay, South, Col 11
4707-STRT0022	Starter, O.S. Sofi Spray Area, South
4707-STRT0024	Starter, 132
4707-STRT0026	Starter, 132A
4707-STRT0028	Starter, 131
4707-STRT0029	Starter, 131
4707-STRT0030	Starter, 131
4707-STRT0031	Starter, 122/E-03
4707-STRT0032	Starter, 122/E-03
4707-STRT0034	Starter, 122/E-03
4707-STRT0035	Starter, S Tower, 8TH Floor
4707-STRT0040	Starter, T214
4707-STRT0042	Starter, T212
4707-STRT0043	Starter, N Tower, 1ST Floor
4707-STRT0044	Starter, S Tower, 1ST Floor
4707-STRT0045	Starter, S Tower, 1ST Floor
4707-STRT0046	Starter, East, Outside
4707-STRT0047	Starter, 160
4707-STRT0048	Starter, N Tower, 4TH Floor
4707-STRT0049	Starter, 160
4707-SUB0001	Substation, South Side
4707-SUB0002	Substation, South Side
4707-SUB0003	Substation, South Side
4707-TFLR0001	Tilt Floor, Tower North End - Disconnect at control
4707-TFLR0002	Tilt Floor, Tower South End - Disconnect at control
4707-TMR0001	Timer, High Bay, Btwn, Col 14 & 15
4707-TMR0002	Timer, High Bay, N Wall, Btwn Col 7&8
4707-UH0001	Unit Heater Steam, E End Rm 119
4707-UH0002	Unit Heater Steam, Ne Corner Rm 119
4707-UH0003	Unit Heater Steam, Rm 104A
4707-UH0004	Unit Heater Steam, Over Rm 106A
4707-UH0005	Unit Heater Steam, Over Rm 106
4707-UH0006	Unit Heater Steam, Over Rm 106E
4707-UH0007	Unit Heater Steam, Rm 110/E-5
4707-UH0008	Unit Heater Steam, Rm 132A
4707-UH0009	Unit Heater Steam, Rm 120

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-UH0010	Unit Heater Steam, Rm 120
4707-UH0011	Unit Heater Steam, Rm 120
4707-UH0012	Unit Heater Steam, Rm 120
4707-UH0013	Unit Heater Steam, Rm 122/E-3
4707-UH0014	Unit Heater Steam, Rm 123A/E-6
4707-UH0015	Unit Heater Steam, Rm 120F
4707-UH0016	Unit Heater Steam, Rm 120E
4707-UH0017	Unit Heater Electric, Rm 138D
4707-UH0018	Unit Heater Steam, Rm 129C/E-1
4707-UH0019	Unit Heater Steam, Ne Corner Rm 128
4707-UH0020	Unit Heater Steam, Se Corner Rm 128
4707-UH0021	Unit Heater Steam, Outside Rm 130 East
4707-UH0022	Unit Heater Steam, Rm T100 N Entrance
4707-UH0023	Unit Heater Steam, N End Rm E-4/T112E
4707-UH0024	Unit Heater Steam, N End Rm E-4/T112E
4707-UH0025	Unit Heater Steam, Rm E-4/T112E S Entrance
4707-UH0026	Unit Heater Electric, E Entrance To Rm T110
4707-UH0028	Unit Heater Steam, Rm 140
4707-UH0029	Unit Heater Steam, Rm 140
4707-UH0030	Unit Heater Electric, Roof, Inside Ah0001
4707-UH0031	Unit Heater Electric, Roof, Inside Ah0003
4707-UH0032	Unit Heater Electric, Roof, Inside Ah0002
4707-UH0033	Unit Heater Steam, Rm 160 N Wall
4707-UH0034	Unit Heater Steam, Rm 160 S Wall
4707-UH0035	Unit Heater Steam, Rm 119 High Bay
4707-UH0036	Unit Heater Steam, Rm 119 High Bay
4707-UH0037	Unit Heater Steam, Rm 119 High Bay
4707-UH0038	Unit Heater Steam, Rm 119 High Bay
4707-UH0039	Unit Heater Steam, Rm 119 High Bay
4707-UH0040	Unit Heater Steam, Rm 119 High Bay
4707-UH0041	Unit Heater Steam, Rm 119 High Bay
4707-UH0042	Unit Heater Steam, Rm 119 High Bay
4707-UH0043	Unit Heater Steam, Rm 119 High Bay
4707-UH0044	Unit Heater Steam, Rm 119 High Bay
4707-UH0045	Unit Heater Steam, Rm 119 High Bay
4707-UH0046	Unit Heater Steam, Rm 119 High Bay
4707-UH0047	Unit Heater Steam, Rm 119 High Bay
4707-UH0048	Unit Heater Steam, Rm 119 High Bay
4707-UH0049	Unit Heater Steam, Rm 119 High Bay
4707-UPC0001	Unit Power Center, Rm 127
4707-UPC0002	Unit Power Center, Rm 127
4707-UPS0001	UPS Power System, High Bay, Column 10, Rm 119 (Removed From PM 3/18/2003)
4707-UPS0002	UPS Power System, Rm 106 Water Spray Area
4707-UPS0004	UPS Power System, Rm 129C/Rm E01
4707-UPSB0001	UPS Battery Charger, Rm 102A
4707-UPSF0001	UPS Frequency Inverter, Rm 102A
4707-VSC0001	Variable Speed Controller, E4/T112E Assoc. w/ CHWP
4707-VSC0002	Variable Speed Controller, E4/T112E Assoc. w/ CHWP
4707-WFILT0001	Sand Filter, Rm T0112E/Rm E04
4707-WSFT0001	Water Softener
4707-XFMR0001	Transformer, Rm T106, Column E3
4707-XFMR0002	Transformer, Rm T106, Between Col. E2 & E3 S.
4707-XFMR0004	Transformer, Rm T106, Between Col. E3 & E4N

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4707-XFMR0005	Transformer, High Bay, Between Columns 2 & 3 - North, Rm 119
4707-XFMR0006	Transformer, High Bay, Between Columns 4 & 5 - North, Rm 119
4707-XFMR0007	Transformer, Rm 101
4707-XFMR0008	Transformer, High Bay, Column 7 North, Rm 119
4707-XFMR0009	Transformer, High Bay, Column 18, North, Rm 119
4707-XFMR0010	Transformer, High Bay, Column 19 - North, Rm 119
4707-XFMR0011	Transformer, High Bay, Column 8 - North, Rm 119
4707-XFMR0012	Transformer, High Bay, Column 17 - North, Rm 119
4707-XFMR0013	Transformer, High Bay, Between Columns 9 & 10 - North, Rm 119
4707-XFMR0014	Transformer, High Bay, Column 7 - North, Rm 119
4707-XFMR0015	Transformer, High Bay, Between Columns 4 & 5 - North, Rm 119
4707-XFMR0016	Transformer, Rm 103
4707-XFMR0017	Transformer, High Bay, Column 4, Rm 119
4707-XFMR0018	Transformer, High Bay, Column 8 - South, Rm 119
4707-XFMR0019	Transformer, High Bay, Column 8 - South, Rm 119
4707-XFMR0020	Transformer, High Bay, Column 10 South, Rm 119
4707-XFMR0021	Transformer, High Bay, Column 12, South, Rm 119
4707-XFMR0022	Transformer, High Bay, Column 17 South, Rm 119
4707-XFMR0023	Transformer, High Bay, Column 18, South, Rm 119
4707-XFMR0024	Transformer, High Bay, Column 19, South, Rm 119
4707-XFMR0025	Transformer, Rm 123A/Rm E6
4707-XFMR0026	Transformer, Rm 123/Rm E6
4707-XFMR0027	Transformer, Rm 160
4707-XFMR0028	Transformer, Rm 160
4707-XFMR0029	Transformer, Rm 160
4707-XFMR0030	Transformer, Rm 160
4707-XFMR0031	Transformer, Outside West Rm 142A
4707-XFMR0032	Transformer, Rm 129C/Rm E01
4707-XFMR0033	Transformer, Rm 132A
4707-XFMR0034	Transformer, Rm 132A
4707-XFMR0035	Transformer, Rm 127
4707-XFMR0036	Transformer, Rm 128
4707-XFMR0037	Transformer, Rm 131
4707-XFMR0038	Transformer, High Bay, Outside West Rm 132
4707-XFMR0039	Transformer, High Bay, Column 20, Rm 119
4707-XFMR0040	Transformer, High Bay, Column 14 South, Rm 119
4707-XFMR0041	Transformer, High Bay, Column 11, North, Rm 119
4707-XFMR0042	Transformer, N Tower, 3RD Floor
4707-XFMR0046	Transformer, S Tower, 9TH Floor
4707-XFMR0047	Transformer, High Bay, South, Col 4
4707-XFMR0050	Transformer, Rm 120F
4707-XFMR0051	Transformer, Rm 120F
4707-XFMR0052	Transformer, Rm 133, Outside, Overhead
4707-XFMR0053	Transformer, High Bay, West Wall, Col A
4707-XFMR0054	Transformer, Tower, Level 10
4707-XFMR0055	Transformer, Tower, Level 8, South
4707-XFMR0056	Transformer, 142 Outside, West
4707-XFMR0057	Transformer, Rm 137
4707-XFMR0058	Transformer, Rm 157B
4707-XFMR0059	Transformer, High Bay, Col 7
4707-XFMR0060	Transformer, Rm 107
4707-XFMR0061	Transformer, Rm 122/E-03
4708A-AH0001	Air Handling Unit, High Bay, W End S Side, Rm 180 - Disconnect on unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708A-AH0004	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
4708A-AH0005	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
4708A-AH0006	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
4708A-AH0007	Air Handling Unit, Mezzanine - Disconnect on unit
4708A-AH0008	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
4708A-AH0011	Air Handling Unit, Rm 1114/Rm E14 - Disconnect on unit
4708A-AH0012	Air Handling Unit, Rm 1108A/Rm E23 South side hall - Disconnect in room E23 S side
4708A-AH0013	Air Handling Unit, Over Rm 1108 - Disconnect on unit
4708A-AH0014	Air Handling Unit, Rm 1110B, Clean Room - Disconnect on unit
4708A-AH0015	Air Handling Unit, Rm 1105B/Rm E10 - Disconnect in room E10
4708A-AH0016	Air Handling Unit, Rm 1105B/Rm E10 - Disconnect in room E10
4708A-AH0017	Air Handling Unit, Rm 1110D/Rm E08 - Disconnect in room E8
4708A-AH0020	Air Handling Unit, Hall Near Rm 1264 Overhead - Disconnect on unit
4708A-AH0021	Air Handling Unit, Hall Near Rm 1256 Overhead - Disconnect on unit
4708A-AH0022	Air Handling Unit, Rm 1236 - Disconnect on unit
4708A-AH0023	Air Handling Unit, Rm 1234 Overhead - Disconnect on unit
4708A-AH0024	Air Handling Unit, Rm 1207A/Rm E18 - Disconnect in room E18
4708A-AH0025	Air Handling Unit, Rm 1210 Overhead - Disconnect on unit
4708A-AH0026	Air Handling Unit, Rm 1210 Overhead - Disconnect on unit
4708A-AH0027	Air Handling Unit, Rm 1205/Rm E17 - Disconnect in room E17
4708A-AH0028	Air Handling Unit, Rm 1205/Rm E17 - Disconnect in room E17
4708A-AH0029	Air Handling Unit, Rm 1201/Rm E16 - Disconnect in room E16
4708A-AH0030	Air Handling Unit, Deck Outside 1204B
4708-ACMP0002	Air Compressor Control, Rm 1132E/E19 - Disconnect room 1132 east wall
4708-ACMP0003	Air Compressor Control, Rm B1C/Rm E07 - Disconnect room E7
4708-ACMP0004	Air Compressor Control, Rm B1C/Rm E07 - Disconnect room E7 - REMOVED PER K. PRIMM 7/13/06
4708-ACMP0005	Air Compressor Control, Under stairs outside Rm B33 - Disconnect room E7
4708A-COIL001A	Chilled Water Coil, A-AH0001, Rm 180, W End, S Side
4708A-COIL001B	Hot Water/Steam Coil, A-AH0001, Rm 180, W End, S Side
4708A-COIL004A	Chilled Water Coil, A-AH0004, Rm 1280/E-20
4708A-COIL004B	Hot Water/Steam Coil, A-AH0004, Rm 1280/E-20
4708A-COIL005A	Chilled Water Coil, A-AH0005, Rm 1280/E-20
4708A-COIL005B	Hot Water/Steam Coil, A-AH0005, Rm 1280/E-20
4708A-COIL006A	Chilled Water Coil, A-AH0006, Rm 1280/E-20
4708A-COIL006B	Hot Water/Steam Coil, A-AH0006, Rm 1280/E-20
4708A-COIL007A	Chilled Water Coil, A-AH0007, Mezzanine
4708A-COIL007B	Hot Water/Steam Coil, A-AH0007, Mezzanine
4708A-COIL008A	Chilled Water Coil, A-AH0008, Rm B18D/E-6
4708A-COIL008B	Hot Water/Steam Coil, A-AH0008, Rm B18D/E-6
4708A-COIL011A	Chilled Water Coil, A-AH0011, Rm 1114/E-14
4708A-COIL011B	Hot Water/Steam Coil, A-AH0011, Rm 1114/E-14
4708A-COIL012A	Chilled Water Coil, A-AH0012, Rm 1108A/E-23
4708A-COIL012B	Hot Water/Steam Coil, A-AH0012, Rm 1108A/E-23
4708A-COIL013A	Chilled Water Coil, A-AH0013, Rm 1108
4708A-COIL013B	Hot Water/Steam Coil, A-AH0013, Rm 1108
4708A-COIL014A	Chilled Water Coil, A-AH0014, Rm 1110B
4708A-COIL014B	Hot Water/Steam Coil, A-AH0014, Rm 1110B
4708A-COIL015A	Chilled Water Coil, A-AH0015, Rm 1105B/E-10
4708A-COIL015B	Hot Water/Steam Coil, A-AH0015, Rm 1105B/E-10
4708A-COIL016A	Chilled Water Coil, A-AH0016, Rm 1105B/E-10
4708A-COIL016B	Hot Water/Steam Coil, A-AH0016, Rm 1105B/E-10
4708A-COIL017A	Chilled Water Coil, A-AH0017, Rm 1110D/E-8
4708A-COIL017B	Hot Water/Steam Coil, A-AH0017, Rm 1110D/E-8

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708A-COIL020A	Chilled Water Coil, A-AH0020, Hall Near Rm 1264
4708A-COIL020B	Hot Water/Steam Coil, A-AH0020, Hall Near Rm 1264
4708A-COIL021A	Chilled Water Coil, A-AH0021, Hall Near Rm 1256
4708A-COIL021B	Hot Water/Steam Coil, A-AH0021, Hall Near Rm 1256
4708A-COIL022A	Chilled Water Coil, A-AH0022, Rm 1236
4708A-COIL022B	Hot Water/Steam Coil, A-AH0022, Rm 1236
4708A-COIL023A	Chilled Water Coil, A-AH0023, Rm 1234
4708A-COIL023B	Hot Water/Steam Coil, A-AH0023, Rm 1234
4708A-COIL024A	Chilled Water Coil, A-AH0024, Rm 1207A/E-18
4708A-COIL024B	Hot Water/Steam Coil, A-AH0024, Rm 1207/E-18
4708A-COIL025A	Chilled Water Coil, A-AH0025, Rm 1210
4708A-COIL025B	Hot Water/Steam Coil, A-AH0025, Rm 1210
4708A-COIL026A	Chilled Water Coil, A-AH0026, Rm 1210
4708A-COIL026B	Hot Water/Steam Coil, A-AH0026, Rm 1210
4708A-COIL027A	Chilled Water Coil, A-AH0027, Rm 1205/E-17
4708A-COIL027B	Hot Water/Steam Coil, A-AH0027, Rm 1205/E-17
4708A-COIL028A	Chilled Water Coil, A-AH0028, Rm 1205/E-17
4708A-COIL028B	Hot Water/Steam Coil, A-AH0028, Rm 1205/E-17
4708A-COIL029A	Chilled Water Coil, A-AH0029, Rm 1201/E-16
4708A-COIL029B	Hot Water/Steam Coil, A-AH0029, Rm 1201/E-16
4708A-COIL030A	Chilled Water Coil, A-AH0030, Outside Rm 1204B
4708A-COIL030B	Hot Water/Steam Coil, A-AH0030, Outside Rm 1204B
4708-ADRY0001	Air Dryer, High Bay, North Side, Rm 153 - Disconnect north side
4708-ADRY0002	Air Dryer, Rm B1C/Rm E07 - Disconnect in room E7
4708-ADRY0003	Air Dryer, Rm 1110B - Disconnect at dryer
4708-ADRY0004	Air Dryer, Rm 1132E/Rm E19 - Disconnect at dryer
4708-AH00B2	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
4708-AH00B3	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
4708-AH00B4	Air Handling Unit, Rm B1A/Rm E09 - Disconnect in room E7
4708-AH00B5	Air Handling Unit, Rm B34 - Disconnect on unit
4708-AH011A	Air Handling Unit, Rm 1114/Rm E14 - Disconnect on unit
4708-AH029A	Air Handling Unit, Rm 1201/Rm E16 - Disconnect in room E16
4708-AH0B11	Air Handling Unit, Rm B30C/Rm E03 - Disconnect in room E3
4708-AH0B12	Air Handling Unit, Rm B38/Rm E02 - Disconnect room E2
4708-AH0B13	Air Handling Unit, Rm B39/Rm E01 - Disconnect room E1
4708-AH0B4A	Air Handling Unit, Rm B1C/Rm E07 - Disconnect in room E7
4708-AH0B9A	Air Handling Unit, Rm B24G/Rm E22 - Disconnect in room E22
4708A-HUM0001	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0002	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0003	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0004	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0005	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0006	Humidifier, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HUM0014	Humidifier, Rm 1110B - Disconnect at unit
4708A-HWP0001	Hot Water Pump, Rm B01A/Rm E09 - Disconnect in room E9
4708A-HWP0002	Hot Water Pump, Rm B01A/Rm E09 - Disconnect in room E9
4708A-HWP0003	Hot Water Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708A-HWP0004	Hot Water Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708A-HWP0005	Hot Water Pump, Rm 1110B - Disconnect at pump
4708A-HWP0006	Hot Water Pump, Rm 1110B - Disconnect at pump
4708A-HWP0007	Hot Water Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708A-HWP0009	Hot Water Pump, Rm 1280/Rm E20 - Disconnect in room E20
4708A-HWP0010	Hot Water Pump, Rm 1280/Rm E20 - Disconnect in room E20

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708A-HWP0011	Pump Hot Water Circulating, E-17/Rm 1205
4708A-LTS0001	Emergency Lighting - S. Hall, 2nd Fl, Near Rm 1266C
4708A-LTS0002	Emergency Lighting - S. Hall 2nd Fl, Near Rm 1228
4708A-LTS0003	Emergency Lts, Flr., S. Center Stairway, 2nd Fl.
4708A-LTS0004	Emergency Lighting - 2nd Fl, East Stairs, Near Rm 1202A
4708A-LTS0005	Emergency Lighting - S. Hall 2nd Fl, O.S. Rm 1212
4708A-LTS0006	Emergency Lighting - S. Hall, 2nd Fl, O.S. Rm 1209
4708A-LTS0007	Emergency Lighting - 2nd Fl. Outside Rm 1204A
4708A-LTS0008	Emergency Lighting - Exit, Outside Rm 1110B
4708A-LTS0009	Emergency Lighting - By Rm 1114A
4708A-LTS0010	Emergency Lighting - Across From Rm 1121A
4708A-LTS0011	Emergency Lighting - Across From Rm 1107A
4708A-LTS0012	Emergency Lighting - Across From Rm 1103B
4708A-LTS0013	Emergency Lighting - E. Stairs up from E21, 1st Floor
4708A-LTS0014	Emergency Lighting - By Rm 156/Rm E21
4708A-LTS0015	Emergency Lighting - Outside Rm 1102G East Wall
4708A-MDT0001	Moisture Detection System, Rm 1280, E20
4708A-RAF00B3	Return Air Fan, Rm B18D/Rm E06 - Disconnect in room E6
4708-ARCV0001	Air Receiver, Rm B1A/Rm E09
4708-ATS0001	Auto Transfer Switch, Rm B21
4708-ATS0002	Auto Transfer Switch, Rm B18C/Rm E06B
4708-ATS0003	Auto Transfer Switch, Rm B24B
4708-ATS0005	Auto Transfer Switch, Rm B18C/Rm E06B
4708A-VSC0001	Variable Speed Controller, SE Tunne Assoc. w/ CHWP
4708A-VSC0002	Variable Speed Controller, SE Tunne Assoc. w/ CHWP
4708A-VSC0003	Variable Speed Controller, 1280/E20 Assoc. w/ AH4
4708B-AH0001	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
4708B-AH0003	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
4708B-AH0004	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
4708B-AH0005	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
4708B-AH0006	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0007	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0009	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0010	Air Handling Unit, Rm 153 - Disconnect on unit
4708B-AH0011	Air Handling Unit, Rm 153 - Disconnect on unit
4708B-AH0012	Air Handling Unit, Rm 153 - Disconnect on unit
4708B-AH0014	Air Handling Unit, Rm B34 - Disconnect on unit
4708B-AH0015	Air Handling Unit, Rm B13 - Disconnect on unit
4708B-AH0016	Air Handling Unit, Rm B13 - Disconnect on unit
4708B-AH0018	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0019	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0020	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0021	Air Handling Unit, Mezzanine - Disconnect on unit
4708B-AH0022	Air Handling Unit, Mezzanine - Disconnect on unit
4708-BATB0001	Battery Bank, Rm B24B
4708-BATB0002	Battery Bank, Rm B18D/Rm E06
4708-BATB0003	Battery Bank, Rm B18D/Rm E06
4708B-COIL001A	Chilled Water Coil, B-AH0001, Rm 180, West End
4708B-COIL001B	Hot Water/Steam Coil, B-AH0001, Rm 180, West End
4708B-COIL003A	Chilled Water Coil, B-AH0003, Rm 180, West End
4708B-COIL003B	Hot Water/Steam Coil, B-AH0003, Rm 180, West End
4708B-COIL004A	Chilled Water Coil, B-AH0004, Rm 180, West End
4708B-COIL004B	Hot Water/Steam Coil, B-AH0004, Rm 180, West End

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708B-COIL005A	Chilled Water Coil, B-AH0005, Rm 180, West End
4708B-COIL005B	Hot Water/Steam Coil, B-AH0005, Rm 180, West End
4708B-COIL006A	Chilled Water Coil, B-AH0006, Mezzanine
4708B-COIL006B	Hot Water/Steam Coil, B-AH0006, Mezzanine
4708B-COIL007A	Chilled Water Coil, B-AH0007, Mezzanine
4708B-COIL007B	Hot Water/Steam Coil, B-AH0007, Mezzanine
4708B-COIL009A	Chilled Water Coil, B-AH0009, Rm Mezzanine
4708B-COIL009B	Hot Water/Steam Coil, B-AH0009, Mezzanine
4708B-COIL010A	Chilled Water Coil, B-AH0010, Rm 153
4708B-COIL010B	Hot Water/Steam Coil, B-AH0010, Rm 153
4708B-COIL011A	Chilled Water Coil, B-AH0011, Rm 153
4708B-COIL011B	Hot Water/Steam Coil, B-AH0011, Rm 153
4708B-COIL012A	Chilled Water Coil, B-AH0012, Rm 153
4708B-COIL012B	Hot Water/Steam Coil, B-AH0012, Rm 153
4708B-COIL014A	Chilled Water Coil, B-AH0014, Rm B34
4708B-COIL014B	Hot Water/Steam Coil, B-AH0014, Rm B34
4708B-COIL015A	Chilled Water Coil, B-AH0015, Rm B13
4708B-COIL015B	Hot Water/Steam Coil, B-AH0015, Rm B13
4708B-COIL016A	Chilled Water Coil, B-AH0016, Rm B13
4708B-COIL016B	Hot Water/Steam Coil, B-AH0016, Rm B13
4708B-COIL018A	Chilled Water Coil, B-AH0018, Mezzanine
4708B-COIL018B	Hot Water/Steam Coil, B-AH0018, Mezzanine
4708B-COIL019A	Chilled Water Coil, B-AH0019, Mezzanine
4708B-COIL019B	Hot Water/Steam Coil, B-AH0019, Mezzanine
4708B-COIL020A	Chilled Water Coil, B-AH0020, Mezzanine
4708B-COIL020B	Hot Water/Steam Coil, B-AH0020, Mezzanine
4708B-COIL021A	Chilled Water Coil, B-AH0021, Mezzanine
4708B-COIL021B	Hot Water/Steam Coil, B-AH0021, Mezzanine
4708B-COIL022A	Chilled Water Coil, B-AH0022, Mezzanine
4708B-COIL022B	Hot Water/Steam Coil, B-AH0022, Mezzanine
4708B-DHUM0002	Dehumidifier, Mezzanine
4708B-DHUM0003	Dehumidifier, Mezzanine
4708B-DHUM0020	Dehumidifier, Mezzanine
4708B-EAF0001	Exhaust Blower Fan, Mezzanine - Disconnect at fan motor
4708-BFP0001	Back Flow Preventer - Hot Water, Rm 1123A/Rm E12
4708-BFP0002	Back Flow Preventer - Chilled Water, Rm 1132E/E19
4708B-HUM0001	Humidifier, Mezzanine - Disconnect at unit
4708B-HUM0002	Humidifier, Mezzanine - Disconnect at unit
4708B-HUM0003	Humidifier, Mezzanine - Disconnect at unit
4708B-HUM0020	Humidifier, Mezzanine - Disconnect at unit
4708B-HWP0002	Pump Hot Water, E5/Rm B5
4708B-HWP0003	Hot Water Pump, Rm 1123A/Rm E12 - Disconnect at pump
4708B-HWP001A	Hot Water Pump, Mezzanine
4708B-HWP001B	Hot Water Pump, Mezzanine
4708-BLR0001	Electric Steam Boiler, Rm B30C/Rm E03 - Disconnect in room E3
4708-BLR0002	Hot Water Boiler, Rm B1B/Rm E08 - Disconnect in room E7
4708B-LTS0001	Emergency Lighting - Gallery Overlook Top W. Stair
4708B-LTS0002	Emergency Lighting - Cross Over 2nd Fl
4708B-LTS0003	Emergency Lighting - Cross Over 2nd Fl
4708B-LTS0004	Emergency Lighting - S. Hall, 2nd Fl, O.S. Rm 1249
4708B-LTS0005	Emergency Lighting - Rm 153, S. Wall, West
4708B-LTS0006	Emergency Lighting - Rm 153, S. Wall, Middle
4708B-MDT0001	Moisture Detection System, Upper Mezzanine Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708B-MDT0002	Moisture Detection System, Lower Mezzanine Area
4708B-SAF0001	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0001	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0001	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0002	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0002	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0003	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0003	Supply Air Fan, Mezzanine - Disconnect at fan unit - Disconnect at fan unit
4708B-SAF0005	Supply Air Fan, Mezzanine - Disconnect at fan unit
4708C-AH0001	Air Handling Unit, Rm 140, Dining Room - Disconnect on unit
4708C-AH0002	Air Handling Unit, Rm 138D - Disconnect on unit
4708C-AH0003	Air Handling Unit, Rm 135A Overhead - Disconnect on unit
4708C-AH0003	Air Handling Unit, Rm 135A Overhead - Disconnect on unit
4708C-AH0004	Air Handling Unit, Rm 122 - Disconnect on unit
4708C-AH0005	Air Handling Unit, Rm 122 Overhead - Disconnect on unit
4708C-AH0006	Air Handling Unit, Rm 115 Overhead - Disconnect on unit
4708C-AH0020	Air Handling Unit, Rm 241, Overhead - Disconnect on unit
4708C-AH0021	Air Handling Unit, Rm 241 Overhead - Disconnect on unit
4708-CBP0001	Circuit Breaker Panel, Room B21
4708-CBP0002	Circuit Breaker Panel, Room 150, South Wall
4708-CBP0003	Circuit Breaker Panel, Room 1105A
4708-CBP0003A	Circuit Breaker Panel, Room 1105A
4708-CBP0004	Circuit Breaker Panel, Room 1107
4708-CBP0005	Circuit Breaker Panel, Room 153, North Wall, Col.M
4708-CBP0006	Circuit Breaker Panel, Room 153, North Wall, Col.N
4708-CBP0007	Circuit Breaker Panel, Room 153, North Wall, Col.D
4708-CBP0009	Circuit Breaker Panel, Room 130
4708-CBP0010	Circuit Breaker Panel, Room 132
4708-CBP0011	Circuit Breaker Panel, Room 1204B
4708-CBP0012	Circuit Breaker Panel, Room 1204B
4708-CBP0013	Circuit Breaker Panel, Room 1207/E-18
4708-CBP0014	Circuit Breaker Panel, Room 1204
4708-CBP0017	Circuit Breaker Panel, Room B30C/E-03
4708-CBP0018	Circuit Breaker Panel, Room B32
4708-CBP0019	Circuit Breaker Panel, Room B38/E-02
4708-CBP0020	Circuit Breaker Panel, Room 68 (Battery Room)
4708-CBP0020A	Circuit Breaker Panel, Room 68 (Battery Room)
4708-CBP0023	Circuit Breaker Panel, Room 1132C/E-15
4708-CBP0024	Circuit Breaker Panel, Room B18D/E-06
4708-CBP0025	Circuit Breaker Panel, Room B24D
4708-CBP0026	Circuit Breaker Panel, Room B24D
4708-CBP0027	Circuit Breaker Panel, Room B24D
4708-CBP0028	Circuit Breaker Panel, Room B24B
4708-CBP0029	Circuit Breaker Panel, Room 155
4708-CBP0030	Circuit Breaker Panel, Room 153, Col. K
4708-CBP0045	Circuit Breaker Panel, Room B30C/E-03
4708-CBP0601	Circuit Breaker Panel, Room 1132C/E-15
4708-CBS0002	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002A	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002B	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002C	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002D	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002E	Circuit Breaker Starter, Room 1123A/E-12

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-CBS0002F	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002G	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002H	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002I	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002J	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002K	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0002L	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0003	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0004	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0004A	Circuit Breaker Starter, Room 1123A/E-12
4708-CBS0005	Circuit Breaker Starter, North Of E-16
4708-CBS0005A	Circuit Breaker Starter, North Of E-16
4708-CBS0006	Circuit Breaker Starter, Room B1A/ E-09, Outside
4708-CBS0006A	Circuit Breaker Starter, Room B1A/ E-09, Outside
4708-CBS0008	Circuit Breaker Starter, Room B38/E-02
4708-CBS0009	Circuit Breaker Starter, Room B38/E-02
4708-CBS0010	Circuit Breaker Starter, Room B38/E-02
4708-CBS0012	Circuit Breaker Starter, Room B34
4708-CBS0015	Circuit Breaker Starter, Room B18D/E-06
4708-CBX0001	Control Box, Mezzanine
4708-CBX0006	Control Box, Across From Room 33
4708-CBX0010	Control Box, Room 154
4708-CBX0016	Control Box, Room 127
4708-CBX0017	Control Box, Room 127
4708-CBX0018	Control Box, Room B30C/E-03
4708C-COIL001A	Chilled Water Coil, C-AH0001, Rm 140
4708C-COIL001B	Hot Water/Steam Coil, C-AH0001, Rm 140
4708C-COIL002A	Chilled Water Coil, C-AH0002, Rm 138D
4708C-COIL002B	Hot Water/Steam Coil, C-AH0002, Rm 138D
4708C-COIL003A	Chilled Water Coil, C-AH0003, Rm 135A
4708C-COIL003B	Hot Water/Steam Coil, C-AH0003, Rm 135A
4708C-COIL004A	Chilled Water Coil, C-AH0004, Rm 122
4708C-COIL004B	Hot Water/Steam Coil, C-AH0004, Rm 122
4708C-COIL005A	Chilled Water Coil, C-AH0005, Rm 122
4708C-COIL005B	Hot Water/Steam Coil, C-AH0005, Rm 122
4708C-COIL006A	Chilled Water Coil, C-AH0006, Rm 115
4708C-COIL006B	Hot Water/Steam Coil, C-AH0006, Rm 115
4708C-COIL020A	Chilled Water Coil, C-AH0020, Rm 241
4708C-COIL020B	Hot Water/Steam Coil, C-AH0020, Rm 241
4708C-COIL021A	Chilled Water Coil, C-AH0021, Rm 241
4708C-COIL021B	Hot Water/Steam Coil, C-AH0021, Rm 241
4708-CHLR0001	Water Chiller, Rm 1132E/E19
4708-CHLR0002	Water Chiller, Rm 1132E/E19
4708-CHWP0001	Chill Water Pump, South Tunnel, Basement - Disconnect at pump
4708-CHWP0002	Chill Water Pump, Southeast Tunnel, Rm 1132E/E19 - Disconnect at pump
4708C-HWP0004	Hot Water Pump, Rm B39/Rm E01 - Disconnect room E1
4708C-LTS0001	Emergency Lighting - Stairs E. Entrance
4708C-LTS0002	Emergency Lighting - Tunnel N.E
4708C-LTS0003	Emer. Lghtng, Fluor - Middle Ent 1st Fl, Overhead
4708C-LTS0004	Emergency Lighting - North Center Stairs, Landing
4708C-LTS0005	Emergency Lighting - 2nd Fl by Room 241
4708C-LTS0006	Emergency Lighting - W. Stairs Middle Landing
4708C-LTS0007	Emergency Lighting - Cafeteria, Rm 140

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708C-LTS0008	Emergency Lighting - Hall, O.S. Rm 117
4708C-LTS0009	Emergency Lighting - Above Rm 114
4708C-LTS0010	Emergency Lighting - Stairs 1st Fl, Near Rm 114
4708C-LTS0011	Emergency Lighting - By Rm 106
4708C-LTS0012	Emergency Lighting - O.S. Rm 136 (Mens Rm)
4708C-LTS0013	Emergency Lighting - 2nd Fl, O.S. Rm 218
4708C-LTS0014	Emergency Lighting - Hall 2nd Fl - By Rm 206
4708C-LTS0015	Emergency Lighting - Top Stairs 2nd Fl. E, O.S. Rm 208
4708-COIL0B2A	Chilled Water Coil, AH00B2, Rm B18D/E-6
4708-COIL0B2B	Hot Water/Steam Coil, AH00B2, Rm B18D/E-6
4708-COIL0B3A	Chilled Water Coil, AH00B3, Rm B18D/E-6
4708-COIL0B3B	Hot Water/Steam Coil, AH00B3, Rm B18D/E-6
4708-COIL0B4A	Chilled Water Coil, AH00B4, Rm B1A/E-9
4708-COIL0B4B	Hot Water/Steam Coil, AH00B4, Rm B1A/E-9
4708-COIL0B5A	Chilled Water Coil, AH00B5, Rm B34
4708-COIL0B5B	Hot Water/Steam Coil, AH00B5, Rm B34
4708-COIL11AA	Chilled Water Coil, AH011A, Rm 1114/E-14
4708-COIL11AB	Hot Water/Steam Coil, AH011A, Rm 1114/E-14
4708-COIL29AA	Chilled Water Coil, AH029A, Rm 1201/E-16
4708-COIL29AB	Hot Water/Steam Coil, AH029A, Rm 1201/E-16
4708-COILB11A	Chilled Water Coil, AH0B11, Rm B30C/E-3
4708-COILB11B	Hot Water/Steam Coil, AH0B11, Rm B30C/E-3
4708-COILB12A	Chilled Water Coil, AH0B12, Rm B38/E-2
4708-COILB12B	Hot Water/Steam Coil, AH0B12, Rm B38/E-2
4708-COILB13A	Chilled Water Coil, AH0B13, Rm B39/E-1
4708-COILB13B	Hot Water/Steam Coil, AH0B13, Rm B39/E-1
4708-COILB4AA	Chilled Water Coil, AH0B4A, Rm B1C/E-7
4708-COILB4AB	Hot Water/Steam Coil, AH0B4A, Rm B1C/E-7
4708-COILB9AA	Chilled Water Coil, AH0B9A, Rm B24G/E-22
4708-COILB9AB	Hot Water/Steam Coil, AH0B9A, Rm B24G/E-22
4708-COND0001	Condensing Unit, Outside South
4708-COND0002	Condensing Unit, Outside North
4708-CONT0001	Contactator, High Bay, North Wall, Col.U
4708-CONT0002	Contactator, High Bay, North Wall, Col.U
4708-CONT0002A	Contactator, High Bay, North Wall, Col.U
4708-CONT0002B	Contactator, High Bay, North Wall, Col.U
4708-CONT0002C	Contactator, High Bay, North Wall, Col.U
4708-CONT0003	Contactator, High Bay, North Wall, Col.V
4708-CONT0004	Contactator, High Bay, North Wall, Col.U
4708-CONT0005	Contactator, Room 153, North Wall, Col.M
4708-CONT0006	Contactator, Room 153, North Wall, Col.M
4708-CP0001	Control Panel, Below E-20A
4708C-RAF0003	Return Air Fan, Rm 132, Overhead - Disconnect in panel
4708C-RAF0020	Return Air Fan, Rm 241, Overhead - Disconnect in panel
4708C-RAF0021	Return Air Fan, Rm 241, Overhead - Disconnect in panel
4708-CRN0001	10-Ton Bridge Crane, High Bay, West Side, Rm 180 - Disconnect at NORTH EAST WALL
4708-CRN0002	10-Ton Monorail Crane, Rm 1110C - Disconnect at SOUTH WALL
4708-CRN0003	10-Ton Bridge Crane, High Bay, East Side, Rm 180 - Disconnect at NORTH EAST WALL
4708-CRN0004	20-Ton Bridge Crane, Rm 1110 - Disconnect at SOUTH WALL
4708-CRN0005	60-Ton Bridge Crane, Rm 150 - Disconnect at SOUTH WALL
4708-CRU0002	Computer Room Unit, Rm 163 - Disconnect at unit
4708-CRU0002	Computer Room Unit, Rm 163 - Disconnect at unit
4708-CRU0003	Computer Room Unit, Rm 163 - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-CRU0003	Computer Room Unit, Rm 163 - Disconnect at unit
4708-CRU0004	Computer Room Unit, Rm 163 - Disconnect at unit
4708-CRU0004	Computer Room Unit, Rm 163 - Disconnect at unit
4708-CRU0005	Air Cond Pkg, Room B24
4708-CRU0006	Computer Room Unit, Rm 130A - Disconnect at unit
4708-CRU0006	Computer Room Unit, Rm 130A - Disconnect at unit
4708-CRU0007	Computer Room Unit, Rm 1132B - Disconnect at unit
4708-CRU0008	Computer Room Unit, Rm 1241B - Disconnect at unit
4708-CWP0001	Condenser Water Pump, South Side - Disconnect at pump
4708-CWP0002	Condenser Water Pump, South Side - Disconnect at pump
4708-CWP0003	Condenser Water Pump, South Side - Disconnect at pump
4708-DOOR0001	Roll-Up Door, Rm 151 - Disconnect at door
4708-DOOR0002	Roll-Up Door, Rm 150 - Disconnect at door
4708-DOOR0003	Roll-Up Door, East Side, Rm 155 - Disconnect at door
4708-DOOR0004	Roll-Up Door, Rm 1132A - Disconnect at door
4708-DOOR0005	Roll-Up Door, Rm 1110C - Disconnect at door
4708-DOOR0006	Sliding Door, Rm 180
4708-DOOR0007	Automatic Roll-up Door, E End #8, 1st Floor - Disconnect at door
4708-DOOR0008	Manual Roll-up Door, Rm 1280/E-20 - Disconnect at door
4708-DOOR0009	Automatic Roll-up Door, Interlock Door, Rm 1110 - Disconnect at door
4708-DOOR0010	Automatic Roll-up Door, SW End, Rm 155 - Disconnect at door
4708-DOOR0011	Automatic Roll-up Door, South Side, Rm 180 - Disconnect at door
4708-DOOR0012	Sliding Door, Electric, Rm 180
4708-DOOR0013	Sliding Door, Personnel, West Entrance (Outer Door)
4708-DOOR0014	Sliding Door, Personnel, West Entrance (Inner Door)
4708-DOOR0015	Sliding Door, Personnel, Center Entrance (Outer Door)
4708-DOOR0016	Sliding Door, Personnel, Center Entrance (Inner Door)
4708-DOOR0017	Swinging Personnel Door, Rm 176
4708-DOOR0018	Swinging Personnel Door, Rm 176
4708-DXAC0001	Direct Expansion AC Unit, Rm 153 - Disconnect at unit
4708-DXAC0002	Direct Expansion AC Unit, Rm B24B - Disconnect at unit
4708-DXAC0006	Direct Expansion AC Unit, Outside Rm 101 - Disconnect at unit
4708-DXAC0006	Direct Expansion AC Unit, Outside Rm 101 - Disconnect at unit
4708-DXAC0007	Direct Expansion AC Unit, Rm B18D/Rm E06 - Disconnect in room E6 - Disconnect in room E6
4708-DXAC0007	Direct Expansion AC Unit, Rm B18D/Rm E06 - Disconnect in room E6 - Disconnect in room E6
4708-EAF0001	Exhaust Blower Fan, Rm B1C/Rm E07 - Disconnect in room E7
4708-EAF0002	Exhaust Blower Fan, Roof, West End - Disconnect at fan motor
4708-EAF0003	Exhaust Blower Fan, Roof, West End - Disconnect at fan motor
4708-EAF0004	Exhaust Blower Fan, Roof, West End - Disconnect at fan motor
4708-EAF0005	Exhaust Blower Fan, Roof, West End - Disconnect at fan motor
4708-EAF0006	Exhaust Blower Fan, Roof, West End - Disconnect at fan motor
4708-EAF0007	Exhaust Blower Fan, Over Cafeteria, 1st Floor - Disconnect at fan motor
4708-EAF0008	Exhaust Blower Fan, Rm 1132C/Rm E15 - Disconnect in room E15
4708-EAF0009	Exhaust Blower Fan, Rm 137 overhead - Disconnect at fan motor
4708-EAF0010	Exhaust Air Fan, Center Roof East End
4708-EAF0011	Exhaust Air Fan, Center Roof East End
4708-EAF0012	Exhaust Air Fan, Center Roof East End
4708-EAF0013	Exhaust Air Fan, Center Roof East End
4708-EAF0014	Exhaust Air Fan, Center Roof East End
4708-EAF0015	Exhaust Air Fan, Center Roof East End
4708-EAF0016	Exhaust Air Fan, Center Roof East End
4708-ELEV0001	Cable Elevator, Rm B18B - Disconnect at elevator
4708-ELEV0002	Cable Elevator, Rm B33 - Disconnect at elevator

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-ELEV0003	Cable Elevator, Rm B31 - Disconnect at elevator
4708-ELEV0004	Hydraulic Elevator, Rm B23 - Disconnect at elevator
4708-EW0001	Safety Eyewash, High Bay, West End, Rm 180
4708-EW0002	Safety Eyewash, High Bay, North Center, Rm 180
4708-EW0003	Safety Eyewash, Rm 121A
4708-EW0004	Safety Eyewash, High Bay, West End, Rm 180
4708-EW0005	Safety Eyewash, Portable Rm. B18
4708-EW0006	Emergency Eyewash, Rm 1110C
4708-FAS0001	Fire Alarm System
4708-FID0001	Field Interface Device, Rm B30
4708-FID0002	Field Interface Device, Rm B1C/Rm E07
4708-FID0003	Field Interface Device, Rm B18D/Rm E06
4708-FID0004	Field Interface Device, Rm B39/Rm E01
4708-FSS0001	Fire Suppression System, Kitchen Area
4708-FSS0002	Fire Suppression System, Kitchen Area
4708-FWP0001	Feed Water Pump, Rm B30C/Rm E03 - Disconnect in room E3
4708-GEN0001	Emergency Generator, Rm 1132C/Rm E15 - REMOVED PER K. PRIMM 3/1/06
4708-GEN0002	Emergency Generator, Rm 1132C/Rm E15
4708-HST0001	1-Ton Electric Hoist, High Bay, Over Clean Rm, Rm 180 - Disconnect at SOUTH WALL
4708-HST0002	1/2-Ton Electric Hoist, Rm 1132 - Disconnect at WEST WALL
4708-HST0004	1/2-Ton Electric Hoist, Rm 1132 - Disconnect at MOUNTED ON JIB
4708-HST0005	2-Ton Electric Hoist, Rm 1110A - Disconnect at A-FRAME LEG
4708-HST0006	2-Ton Electric Hoist, High Bay, West Side, Rm 180 - Disconnect at SOUTH WALL
4708-HST0007	1/2-Ton Chain Hoist, Rm 123C
4708-HV0001	Heating Vent, High Bay, Column V-W, Rm 180
4708-HV0002	Heating Vent, High Bay, Column S-T, Rm 180
4708-HV0003	Heating Vent, High Bay, Column U-V, Rm 180
4708-HV0004	Heating Vent, High Bay, Column X-Y, Rm 180
4708-HV0005	Heating Vent, High Bay, Column Y-Z, Rm 180
4708-HV0006	Heating Vent, High Bay, Column AB-AA, Rm 180
4708-HV0007	Heating Vent, High Bay, West End, Rm 180
4708-HV0008	Heating Vent, High Bay, West End, Rm 180
4708-HV0009	Heating Vent, High Bay, Column AA-Z, Rm 180
4708-HV0010	Heating Vent, High Bay, Column W-X, Rm 180
4708-HV0011	Heating Vent, High Bay, Column R-S, Rm 180
4708-HV0012	Heating Vent, High Bay, Column T-U - Soutside, Rm 180
4708-HV0013	Heating Vent, High Bay, South Side, Rm 180
4708-HWHD0001	Hot Water Heater - Domestic, Rm B1A/Rm E09 - Disconnect in room E7
4708-HWHD0002	Hot Water Heater - Domestic, Basement Area - Disconnect at heater
4708-HWHD0003	Hot Water Heater - Domestic, Rm B39/Rm E01 - Disconnect room E1
4708-HWHD0004	Hot Water Heater - Domestic, Rm B18D/Rm E06 - Disconnect in room E6
4708-HWHD0005	Hot Water Heater - Domestic, Rm 121A - Disconnect at heater
4708-HWHD0006	Hot Water Heater - Domestic, Rm B8 - Disconnect at heater
4708-ICE0001	Ice MacHine, Rm 140
4708-ICE0002	Ice MacHine, Rm 138
4708-KVHD0001	Kitchen Vent Hood
4708-KVHD0002	Kitchen Vent Hood, Rm 138
4708-KVHD0003	Kitchen Vent Hood, Rm 140
4708-LC0001	Lighting Contactor, Room 153, North Wall, Col.E
4708-LC0002	Lighting Contactor, Mezzanine
4708-LC0002A	Lighting Contactor, Mezzanine
4708-LC0002B	Lighting Contactor, Mezzanine
4708-LC0005	Lighting Contactor, High Bay, North Wall, Col.W

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-LC0006	Lighting Contactor, High Bay, North Wall, Col.W
4708-LC0007	Lighting Contactor, High Bay, South Wall, Col.W
4708-LC0010	Lighting Contactor, Room 140, Cafeteria
4708-LC0011	Lighting Contactor, Room 140, Cafeteria
4708-LDOOR0001	Lab Door, Rolling, Rm 1191
4708-LDOOR0002	Lab Door, Rolling, Rm 1191
4708-LDOOR0003	Lab Door, Rolling, Rm 1191
4708-LDOOR0004	Lab Door, Rolling, Rm 1191
4708-LDOOR0005	Lab Door, Swinging, Rm 1191
4708-LDOOR0006	Lab Door, Swinging, Rm 1191
4708-LTS0001	Emergency Lighting - Rm 103, E Exit
4708-LTS0002	Emergency Lighting - Rm 103, W Exit
4708-LTS0003	Emergency Lighting - Rm 103, S Wall
4708-LTS0004	Emergency Lighting - Basement, Rm B24D
4708-MCC0001	Motor Control Center, Rm B01A/Rm E09
4708-MCC0002	Motor Control Center, Rm 156/Rm E21
4708-MCC0003	Motor Control Center, Rm B18D/Rm E06
4708-MCC0004	Motor Control Center, Rm B30
4708-MCC0005	Motor Control Center, Rm B30C/Rm E03
4708-MCC0006	Motor Control Center, Rm B39/Rm E01
4708-MCC0007	Motor Control Center, Rm B38/Rm E02
4708-MCC0008	Motor Control Center, Rm 1132E/E19
4708-MCC0009	Motor Control Center, Rm B1C/Rm E07
4708-MCC0010	Motor Control Center, Rm 1110B
4708-MCC0011	Motor Control Center, Mezzanine
4708-MCC0012	Motor Control Center, Rm 1280/Rm E20
4708-ODT0001	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0002	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0003	Oxygen Detection System, S Tunnel, W Side
4708-ODT0004	Oxygen Detection System, Across From Rm B5
4708-ODT0005	Oxygen Detection System, Tunnel B8
4708-ODT0006	Oxygen Detection System, Bsmt N Hallway near B27
4708-ODT0007	Oxygen Detection System, N Tunnel W Side
4708-ODT0008	Oxygen Detection System, Cross Tunnel
4708-ODT0009	Oxygen Detection System, N Tunnel, E Side
4708-ODT0010	Oxygen Detection System, S Tunnel E Side
4708-ODT0011	Oxygen Detection System, Rm B01A/Rm E09
4708-ODT0012	Oxygen Detection System, Rm B1B/Rm E08
4708-ODT0013	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0014	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0015	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0016	Oxygen Detection System, Rm 1132
4708-ODT0017	Oxygen Detection System, Rm 1132B
4708-ODT0018	Oxygen Detection System, Rm 1132
4708-ODT0019	Oxygen Detection System, Hall, Outside Rm B24D
4708-ODT0020	Oxygen Detection System, Rm B24D
4708-ODT0021	Oxygen Detection System, Rm B24a
4708-ODT0022	Oxygen Detection System, Between B14 & B12
4708-ODT0023	Oxygen Detection System, Rm B22
4708-ODT0024	Oxygen Detection System, Rm B22
4708-ODT0025	Oxygen Detection System, Rm B21
4708-ODT0026	Oxygen Detection System, Rm B18D/Rm E06
4708-ODT0027	Oxygen Detection System, Rm B18C/Rm E06B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-ODT0028	Oxygen Detection System, Rm B18 Battery Room
4708-ODT0029	Oxygen Detection System, Hall Outside Rm B18
4708-ODT0030	Oxygen Detection System, Rm 1114
4708-ODT0032	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0033	Oxygen Detection System, Rm 1110C
4708-ODT0034	Oxygen Detection System, Rm 1132A Autoclave
4708-ODT0035	Oxygen Detection System, Rm 123C
4708-ODT0036	Oxygen Detection System, Outside Rm B4
4708-PNL0001	Panel Board, Rm 1114
4708-PNL0002	Panel Board, Rm 1114
4708-PNL0003	Panel Board, Rm 1114
4708-PNL0004	Panel Board, Rm 1113A
4708-PNL0005	Panel Board, Rm 1107A
4708-PNL0006	Panel Board, Rm 1107A
4708-PNL0007	Panel Board, Rm 1107A
4708-PNL0008	Panel Board, Rm 1107A
4708-PNL0009	Panel Board, Rm 1107
4708-PNL0010	Panel Board, Rm 1107
4708-PNL0011	Panel Board, Rm 1114/Rm E14
4708-PNL0012	Panel Board, Rm 1114/Rm E14
4708-PNL0013	Panel Board, Rm 1108
4708-PNL0014	Panel Board, Rm 1108
4708-PNL0015	Panel Board, Outside Rm 1113A
4708-PNL0016	Panel Board, Rm B24G/Rm E22
4708-PNL0017	Panel Board, Rm 1116/Rm E13
4708-PNL0018	Panel Board, Rm 1121/Rm E11
4708-PNL0019	Panel Board, Rm 1121/Rm E11
4708-PNL0020	Panel Board, Rm 1105B/Rm E10
4708-PNL0021	Panel Board, Rm 1105B/Rm E10
4708-PNL0022	Panel Board, Rm 155, South Wall
4708-PNL0023	Panel Board, Rm 156/Rm E21
4708-PNL0024	Panel Board, Rm 156/Rm E21
4708-PNL0025	Panel Board, Rm 156/Rm E21
4708-PNL0026	Panel Board, Rm 153, North Wall
4708-PNL0027	Panel Board, Rm 153, North Wall
4708-PNL0028	Panel Board, Rm 153, North Wall
4708-PNL0029	Panel Board, Rm 153, North Wall
4708-PNL0030	Panel Board, Rm 153, Column H
4708-PNL0031	Panel Board, Rm 153, North Wall
4708-PNL0032	Panel Board, Rm 153, North Wall
4708-PNL0033	Panel Board, Rm 153, Column M
4708-PNL0034	Panel Board, Rm 153, North Wall
4708-PNL0035	Panel Board, Rm 153, Column M
4708-PNL0036	Panel Board, Rm 160, East Wall
4708-PNL0037	Panel Board, Rm 160 East Wall
4708-PNL0038	Panel Board, Rm 150 South Wall
4708-PNL0039	Panel Board, Rm 150, South Wall
4708-PNL0040	Panel Board, Rm 103
4708-PNL0041	Panel Board, Rm 103
4708-PNL0042	Panel Board, Rm 103
4708-PNL0043	Panel Board, Rm B01A/Rm E09
4708-PNL0044	Panel Board, Rm B5
4708-PNL0045	Panel Board, Rm B5

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-PNL0046	Panel Board, Rm B5
4708-PNL0047	Panel Board, Rm B5
4708-PNL0048	Panel Board, Rm B18D/Rm E06
4708-PNL0049	Panel Board, Rm B18D/Rm E06
4708-PNL0050	Panel Board, Rm B18D/Rm E06
4708-PNL0051	Panel Board, Rm B18D/Rm E06
4708-PNL0052	Panel Board, Rm B18C/Rm E06B
4708-PNL0053	Panel Board, Outside Rm B24
4708-PNL0054	Panel Board, Outside Rm B24
4708-PNL0055	Panel Board, Outside Rm B30
4708-PNL0056	Panel Board, Outside Rm B27
4708-PNL0057	Panel Board, Outside Rm B27
4708-PNL0058	Panel Board, Outside Rm B27
4708-PNL0059	Panel Board, Rm B24G/Rm E22
4708-PNL0060	Panel Board, Outside Rm B24D
4708-PNL0061	Panel Board, Outside Rm B21
4708-PNL0062	Panel Board, Outside Rm B21
4708-PNL0063	Panel Board, Outside Rm B18
4708-PNL0064	Panel Board, Outside Rm B34
4708-PNL0065	Panel Board, Outside Rm B34
4708-PNL0066	Panel Board, Outside Rm B34
4708-PNL0067	Panel Board, Mezzanine
4708-PNL0068	Panel Board, Mezzanine
4708-PNL0069	Panel Board, Mezzanine
4708-PNL0070	Panel Board, Rm 163
4708-PNL0071	Panel Board, Rm 163
4708-PNL0072	Panel Board, Rm 163
4708-PNL0073	Panel Board, Rm 163
4708-PNL0074	Panel Board, Rm 163
4708-PNL0075	Panel Board, Rm 1128A
4708-PNL0076	Panel Board, Rm 1128A
4708-PNL0077	Panel Board, Rm 1132
4708-PNL0078	Panel Board, Rm 1132
4708-PNL0079	Panel Board, Rm 1132
4708-PNL0080	Panel Board, Rm 1132
4708-PNL0081	Panel Board, Rm 1132
4708-PNL0082	Panel Board, Column W2, High Bay, Rm 180
4708-PNL0083	Panel Board, Column U2, High Bay, Rm 180
4708-PNL0084	Panel Board, Column U2, High Bay, Rm 180
4708-PNL0085	Panel Board, Column U2, High Bay, Rm 180
4708-PNL0086	Panel Board, Column U2, High Bay, Rm 180
4708-PNL0087	Panel Board, Column T3, High Bay, Rm 180
4708-PNL0088	Panel Board, High Bay, North Wall, Column T2, Rm 180
4708-PNL0089	Panel Board, Column U3, High Bay, Rm 180
4708-PNL0090	Panel Board, Column U3, High Bay, Rm 180
4708-PNL0091	Panel Board, Column V3, High Bay, Rm 180
4708-PNL0092	Panel Board, Column V3, High Bay, Rm 180
4708-PNL0093	Panel Board, Column W3, High Bay, Rm 180
4708-PNL0094	Panel Board, Rm B24A
4708-PNL0095	Panel Board, Rm B24D
4708-PNL0096	Panel Board, Rm B24D
4708-PNL0097	Panel Board, Rm B24D
4708-PNL0098	Panel Board, Rm B24D

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-PNL0099	Panel Board, Rm B24D
4708-PNL0100	Panel Board, Rm 1125
4708-PNL0101	Panel Board, Rm 1125, East
4708-PNL0102	Panel Board, Rm 1125, East
4708-PNL0103	Panel Board, Rm 1125, East
4708-PNL0104	Panel Board, Rm 1125, North
4708-PNL0105	Panel Board, Rm 1125, North
4708-PNL0106	Panel Board, Rm 1125, North
4708-PNL0107	Panel Board, Rm 1125, North
4708-PNL0108	Panel Board, Rm 1125, North
4708-PNL0109	Panel Board, Rm B34
4708-PNL0110	Panel Board, Rm 1125, North
4708-PNL0111	Panel Board, Rm 1125, East
4708-PNL0112	Panel Board, Rm 1125, East
4708-PNL0113	Panel Board, Rm 151, South Wall
4708-PNL0114	Panel Board, Rm 151, South Wall
4708-PNL0115	Panel Board, Rm 151, South Wall
4708-PNL0116	Panel Board, Rm 151, North Wall
4708-PNL0117	Panel Board, Rm 151, South Wall
4708-PNL0118	Panel Board, Rm 151, North Wall
4708-PNL0119	Panel Board, Rm 151, North Wall
4708-PNL0120	Panel Board, Rm 151, North Wall
4708-PNL0121	Panel Board, Rm 151, North Wall
4708-PNL0122	Panel Board, Rm 151, North Wall
4708-PNL0123	Panel Board, Rm 151, North Wall
4708-PNL0124	Panel Board, Rm 151, North Wall
4708-PNL0125	Panel Board, Rm 151, North Wall
4708-PNL0126	Panel Board, Rm 151, North Wall
4708-PNL0127	Panel Board, Column Z3, High Bay, Rm 180
4708-PNL0128	Panel Board, Column Z3, High Bay, Rm 180
4708-PNL0129	Panel Board, Column Z3, High Bay, Rm 180
4708-PNL0130	Panel Board, Column Z2, High Bay, Rm 180
4708-PNL0131	Panel Board, Column Z2, High Bay, Rm 180
4708-PNL0132	Panel Board, Rm B30
4708-PNL0134	Panel Board, Rm B30
4708-PNL0135	Panel Board, Rm B30
4708-PNL0136	Panel Board, Outside Rm 132
4708-PNL0137	Panel Board, Rm 132
4708-PNL0138	Panel Board, Rm 132
4708-PNL0139	Panel Board, Rm 130
4708-PNL0140	Panel Board, Rm 124B
4708-PNL0141	Panel Board, Rm 124D
4708-PNL0142	Panel Board, Rm 124D
4708-PNL0143	Panel Board, Rm 119
4708-PNL0144	Panel Board, Rm 111
4708-PNL0145	Panel Board, Rm 111
4708-PNL0146	Panel Board, Rm 250A
4708-PNL0147	Panel Board, Rm 250A
4708-PNL0148	Panel Board, Rm 244
4708-PNL0149	Panel Board, Rm 244
4708-PNL0150	Panel Board, Outside Rm 244
4708-PNL0151	Panel Board, Outside Rm 240
4708-PNL0152	Panel Board, Outside Rm 240

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4708-PNL0153	Panel Board, Outside Rm 240
4708-PNL0154	Panel Board, Outside Rm 240
4708-PNL0155	Panel Board, Outside Rm 216A
4708-PNL0156	Panel Board, Outside Rm 216A
4708-PNL0157	Panel Board, Outside Rm 217
4708-PNL0158	Panel Board, Rm 205
4708-PNL0159	Panel Board, Rm 204
4708-PNL0160	Panel Board, Outside Rm 1265
4708-PNL0161	Panel Board, Rm 1259A
4708-PNL0162	Panel Board, Outside Rm 1259A
4708-PNL0163	Panel Board, Outside Rm 1259A
4708-PNL0164	Panel Board, Cafeteria
4708-PNL0165	Panel Board, Cafeteria
4708-PNL0166	Panel Board, Cafeteria
4708-PNL0167	Panel Board, Cafeteria
4708-PNL0168	Panel Board, Rm 141
4708-PNL0169	Panel Board, Rm 141
4708-PNL0170	Panel Board, Outside Rm 1253
4708-PNL0171	Panel Board, Outside Rm 1253
4708-PNL0172	Panel Board, Outside Rm 1228
4708-PNL0173	Panel Board, Outside Rm 1253
4708-PNL0174	Panel Board, Outside Rm 1253
4708-PNL0175	Panel Board, Outside Rm 1228
4708-PNL0176	Panel Board, Outside Rm 1214
4708-PNL0177	Panel Board, Rm 1214
4708-PNL0178	Panel Board, Rm 1205/Rm E17
4708-PNL0179	Panel Board, Rm B21
4708-PNL0180	Panel Board, Rm B21
4708-PNL0181	Panel Board, Rm B21
4708-PNL0182	Panel Board, Rm B14
4708-PNL0183	Panel Board, Rm B13
4708-PNL0184	Panel Board, Rm B34
4708-PNL0185	Panel Board, Rm B32
4708-PNL0186	Panel Board, Rm B32
4708-PNL0187	Panel Board, Rm B27
4708-PNL0188	Panel Board, Tunnel NE
4708-PNL0189	Panel Board, Tunnel NE
4708-PNL0190	Panel Board, Tunnel, NE
4708-PNL0191	Panel Board, Rm 1204A
4708-PNL0192	Panel Board, Rm 1204A
4708-PNL0193	Panel Board, Rm 1204A
4708-PNL0194	Panel Board, Rm 1207A/Rm E18
4708-PNL0195	Panel Board, Rm 1207A/Rm E18
4708-PNL0196	Panel Board, Rm 1204B
4708-PNL0197	Panel Board, Rm 1204A
4708-PNL0198	Panel Board, Rm 1204A
4708-PNL0199	Panel Board, Rm 1241, South Wall
4708-PNL0200	Panel Board, Rm 1241, South Wall
4708-PNL0201	Panel Board, Rm 1241, South Wall
4708-PNL0202	Panel Board, Rm 1241, South Wall
4708-PNL0203	Panel Board, Rm 1241A
4708-PNL0204	Panel Board, Rm 1241A
4708-PNL0205	Panel Board, Rm 1241B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-PNL0206	Panel Board, Rm 1241, North Wall
4708-PNL0207	Panel Board, Rm 1241, North Wall
4708-PNL0208	Panel Board, Rm 1280A/Rm E20A
4708-PNL0209	Panel Board, Rm 1280A/Rm E20A
4708-PNL0210	Panel Board, Rm 1280A/Rm E20A
4708-PNL0211	Panel Board, Rm 1280A/Rm E20A
4708-PNL0212	Panel Board, Rm 1280A/Rm E20A
4708-PNL0213	Panel Board, Rm 1280A/Rm E20A
4708-PNL0214	Panel Board, Rm 1280A/Rm E20A
4708-PNL0215	Panel Board, Rm B11
4708-PNL0216	Panel Board, Rm 127
4708-PNL0217	Panel Board, Rm 1105A
4708-PNL0218	Panel Board, Rm 1132C/Rm E15
4708-PNL0219	Panel Board, Rm 1132C/Rm E15
4708-PNL0220	Panel Board, Rm 1105A
4708-PNL0221	Panel Board, Rm 1105A
4708-PNL0222	Panel Board, Rm 1105A
4708-PNL0223	Panel Board, Rm 1105
4708-PNL0224	Panel Board, Rm 1105
4708-PNL0225	Panel Board, Rm 1110
4708-PNL0226	Panel Board, Rm 1110
4708-PNL0227	Panel Board, Rm 1110
4708-PNL0228	Panel Board, Outside Rm 1110A
4708-PNL0229	Panel Board, Outside Rm 1110A
4708-PNL0230	Panel Board, Outside Rm 1110A
4708-PNL0231	Panel Board, Outside Rm 1110A
4708-PNL0232	Panel Board, Outside Rm 1110A
4708-PNL0233	Panel Board, Outside Rm 1110A
4708-PNL0234	Panel Board, Outside Rm 1110A
4708-PNL0235	Panel Board, Rm B4
4708-PNL0236	Panel Board, Rm B4
4708-PNL0237	Panel Board, Rm 1123A/Rm E12
4708-PNL0238	Panel Board, Rm 131
4708-PNL0239	Panel Board, Rm B1B/Rm E08
4708-PNL0240	Panel Board, Rm 1258B
4708-PNL0241	Panel Board, Rm 123C
4708-PNL0242	Panel Board, Rm 1132A
4708-PNL0243	Panel Board, Rm 1132A
4708-PNL0244	Panel Board, Rm B24D
4708-PNL0245	Panel Board, Outside Rm 1121/Rm E11
4708-PNL0246	Panel Board, Outside Rm 121A
4708-PNL0247	Panel Board, Rm B27
4708-PNL0248	Panel Board, Rm 123C
4708-PNL0249	Panel Board, Rm B27
4708-PNL0250	Panel Board, Rm B27
4708-PNL0251	Panel Board, Rm 124B
4708-PNL0252	Panel Board, Rm 1243
4708-PNL0253	Panel Board, Rm 1131A
4708-PNL0254	Panel Board, Rm 180
4708-PNL0255	Panel Board, Rm 1196
4708-PNL0256	Panel Board, Rm 1196
4708-PNL0257	Panel Board, Rm 1196
4708-PNL0258	Panel Board, Rm 1194

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-PNL0259	Panel Board, Rm 1194
4708-PNL0260	Panel Board, Rm 1195
4708-RAF0013	Return Air Fan, Rm 1121/Rm E11 - Disconnect in panel
4708-RAF0020	Return Air Fan, Hall Near Rm 1264 Overhead - Disconnect in panel
4708-RAF0021	Return Air Fan, Hall Near Rm 1264 Overhead - Disconnect in panel
4708-RAF0023	Return Air Fan, Rm 1243, Overhead - Disconnect in panel
4708-RAF00B2	Return Air Fan, Rm B18D/Rm E06 - Disconnect in room E6
4708-RAF00B4	Return Air Fan, Rm B1C/Rm E07 - Disconnect in room E7
4708-RAF0B12	Return Air Fan, Rm B38/Rm E02 - Disconnect in room E2
4708-RAF0B13	Return Air Fan, Rm B39/Rm E01 - Disconnect room E1
4708-ROOF0001	Roof, Main, Bldg 4708
4708-ROOF0002	Roof, Bldg 4708
4708-ROOF0003	Roof, Bldg 4708
4708-ROOF0004	Roof, Bldg 4708
4708-ROOF0005	Roof, Bldg 4708
4708-ROOF0006	Roof, Bldg 4708
4708-ROOF0007	Roof, Bldg 4708
4708-ROOF0008	Roof, Bldg 4708
4708-ROOF0009	Roof, Bldg 4708
4708-ROOF0010	Roof, Bldg 4708
4708-ROOF0011	Roof, Bldg 4708
4708-ROOF0012	Roof, Bldg 4708
4708-ROOF0013	Roof, Bldg 4708
4708-ROOF0014	Roof, Bldg 4708
4708-ROOF0015	Roof, Bldg 4708
4708-ROOF0016	Roof, Bldg 4708
4708-SAF0001	Supply Air Fan, Rm B18D/Rm E06 - Disconnect in room E6
4708-SAF0013	Supply Air Fan, Basement East End Under Clean Room - Disconnect at fan unit
4708-SAF0014	Supply Air Fan, Basement East End Under Clean Room - Disconnect at fan unit
4708-SLPMP001A	Sewage Pump, Rm B30C/Rm E03 - Disconnect in room E3
4708-SLPMP001B	Sewage Pump, Rm B30C/Rm E03 - Disconnect in room E3
4708-SLPMP002A	Sewage Pump, Rm B8/Rm E04 - Disconnect in room E4
4708-SLPMP002B	Sewage Pump, Rm B8/Rm E04 - Disconnect in room E4
4708-SPMP001	Sump Pump, Basement, Basement Tunnel S.E. Corner - Disconnect at pump
4708-SPMP0013	Sump Pump, Rm B38/Rm E02 - Disconnect room E2
4708-SPMP002	Sump Pump, Rm B38/Rm E02 - Disconnect room E2
4708-SPMP003A	Sump Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708-SPMP003B	Sump Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708-SPMP004A	Sump Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708-SPMP004B	Sump Pump, Rm B1C/Rm E07 - Disconnect in room E7
4708-SPMP005A	Sump Pump, Basement Tunnel N.W. - Disconnect at pump
4708-SPMP005B	Sump Pump, Basement Tunnel N.W. - Disconnect at pump
4708-SPMP006A	Sump Pump, Rm B39/Rm E01 - Disconnect room E1
4708-SPMP006B	Sump Pump, Basement, B39/Rm E01 - Disconnect room E1
4708-SPR0001	Sprinkler System, West End North Outside
4708-SPR0002	Sprinkler System, Rm 1125
4708-SPR0003	Sprinkler System, West End South Side
4708-SPR0004	Sprinkler System, E End, S Side Hallway
4708-SPR0006	Sprinkler System, Rm 1191
4708-SS0001	Safety Switch, Room 1150
4708-SS0002	Safety Switch, Room 1150
4708-SS0003	Safety Switch, Room 1150
4708-SS0004	Safety Switch, Room 1150

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-SS0005	Safety Switch, Room 1150
4708-SS0006	Safety Switch, Room 1151, North
4708-SS0006A	Safety Switch, Room 1151, North
4708-SS0007	Safety Switch, Room 1151, West
4708-SS0008	Safety Switch, Room 1151, West
4708-SS0011	Safety Switch, Room 1123A/E-12
4708-SS0012	Safety Switch, Room 1123A/E-12
4708-SS0013	Safety Switch, Room 1123A/E-12
4708-SS0014	Safety Switch, Room 1123A/E-12
4708-SS0015	Safety Switch, Room 1116/E-13
4708-SS0016	Safety Switch, Room 1116/E-13
4708-SS0017	Safety Switch, Room 1116/E-13
4708-SS0017A	Safety Switch, Room 1116/E-13
4708-SS0018	Safety Switch, Room 1116/E-13
4708-SS0019	Safety Switch, Room 1116/E-13
4708-SS0020	Safety Switch, Room 1116/E-13
4708-SS0021	Safety Switch, Room 1116/E-13
4708-SS0022	Safety Switch, Room 1116/E-13
4708-SS0023	Safety Switch, Room 1116/E-13
4708-SS0024	Safety Switch, Room 1116/E-13
4708-SS0025	Safety Switch, Room 1116/E-13
4708-SS0026	Safety Switch, Room 1116/E-13
4708-SS0027	Safety Switch, Room 1116/E-13
4708-SS0028	Safety Switch, Room 1116/E-13
4708-SS0029	Safety Switch, Room 1116/E-13
4708-SS0032	Safety Switch, Room B24B/E-22
4708-SS0033	Safety Switch, Room 1114A/E-14
4708-SS0035	Safety Switch, Room B24B/E-22
4708-SS0036	Safety Switch, Room B24B/E-22
4708-SS0037	Safety Switch, Room 1108
4708-SS0038	Safety Switch, Room 1108
4708-SS0041	Safety Switch, Room 1110B
4708-SS0042	Safety Switch, Room 1110B
4708-SS0043	Safety Switch, Room B3A
4708-SS0043A	Safety Switch, Room B3A
4708-SS0044	Safety Switch, Room B1C/E-07
4708-SS0045	Safety Switch, Room B1C/E-07
4708-SS0046	Safety Switch, Room B1C/E-07
4708-SS0047	Safety Switch, Room 1110D/E-08
4708-SS0051	Safety Switch, Room 1110D/E-08
4708-SS0052	Safety Switch, Room 1110D/E-08
4708-SS0053	Safety Switch, Room 1110D/E-08
4708-SS0054	Safety Switch, Room 1110D/E-08
4708-SS0056	Safety Switch, Room 155, South Wall
4708-SS0057	Safety Switch, Room 1101A
4708-SS0058	Safety Switch, Room 1101A
4708-SS0059	Safety Switch, Room 154
4708-SS0059A	Safety Switch, Room 154
4708-SS0060	Safety Switch, Room 154
4708-SS0061	Safety Switch, E-10
4708-SS0061A	Safety Switch, E-10
4708-SS0062	Safety Switch, Room 155, South Wall
4708-SS0063	Safety Switch, Room 155, South Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-SS0064	Safety Switch, Room 1110
4708-SS0064A	Safety Switch, Room 1110
4708-SS0065	Safety Switch, Room 1110
4708-SS0066	Safety Switch, Room 1110
4708-SS0067	Safety Switch, Room 1110
4708-SS0068	Safety Switch, Outside Room 1110A
4708-SS0069	Safety Switch, Outside Room 1110A
4708-SS0070	Safety Switch, Outside Room 1110A
4708-SS0071	Safety Switch, Room 1107A
4708-SS0072	Safety Switch, Room 153, North Wall, Col.P
4708-SS0073	Safety Switch, Room 153, North Wall, Col.P
4708-SS0074	Safety Switch, Room 153, North Wall, Col.P
4708-SS0075	Safety Switch, Room 153, North Wall, Col.N
4708-SS0076	Safety Switch, Room 153, Col.M
4708-SS0077	Safety Switch, Room 153, North Wall, Col.M
4708-SS0078	Safety Switch, Room 153, North Wall, Col.M
4708-SS0079	Safety Switch, Room 153, North Wall, Col.K
4708-SS0080	Safety Switch, Room 153, North Wall, Col.K
4708-SS0081	Safety Switch, Room 153, North Wall, Col.K
4708-SS0082	Safety Switch, Room 153, North Wall, Col.H
4708-SS0084	Safety Switch, Room 153, North Wall, Col.E
4708-SS0085	Safety Switch, Room 153, North Wall, Col.E
4708-SS0086	Safety Switch, Room 153, North Wall, Col.E
4708-SS0087	Safety Switch, Room 153, North Wall, Col.E
4708-SS0088	Safety Switch, Room 153, North Wall, Col.E
4708-SS0089	Safety Switch, Room 153, North Wall, Col.D
4708-SS0090	Safety Switch, Room 153, North Wall, Col.B
4708-SS0091	Safety Switch, Room 103
4708-SS0092	Safety Switch, Room 103
4708-SS0092A	Safety Switch, Room 103
4708-SS0094	Safety Switch, Room 111
4708-SS0095	Safety Switch, Room 121
4708-SS0096	Safety Switch, Room 124D
4708-SS0097	Safety Switch, Room 123A
4708-SS0098	Safety Switch, Room 123C
4708-SS0099	Safety Switch, Room 123C
4708-SS0100	Safety Switch, Room 124B
4708-SS0101	Safety Switch, Room 124B
4708-SS0102	Safety Switch, Mezzanine
4708-SS0103	Safety Switch, Mezzanine
4708-SS0104	Safety Switch, Mezzanine
4708-SS0105	Safety Switch, Mezzanine
4708-SS0106	Safety Switch, Mezzanine
4708-SS0107	Safety Switch, Mezzanine
4708-SS0108	Safety Switch, Mezzanine
4708-SS0109	Safety Switch, Mezzanine
4708-SS0110	Safety Switch, Mezzanine
4708-SS0112	Safety Switch, Mezzanine
4708-SS0117	Safety Switch, Mezzanine
4708-SS0125	Safety Switch, Room 1241, South Wall
4708-SS0126	Safety Switch, Room 1241, North Wall
4708-SS0127	Safety Switch, Room 1241A
4708-SS0129	Safety Switch, Room 1241A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-SS0131	Safety Switch, Room 1241B
4708-SS0133	Safety Switch, Room 1207
4708-SS0134	Safety Switch, Room 1207
4708-SS0135	Safety Switch, Room 1207
4708-SS0136	Safety Switch, Room 1207
4708-SS0137	Safety Switch, Room 140, Cafeteria
4708-SS0138	Safety Switch, Room 140, Cafeteria
4708-SS0139	Safety Switch, Room 140, Cafeteria
4708-SS0140	Safety Switch, Room 140, Cafeteria
4708-SS0141	Safety Switch, Room 140, Cafeteria
4708-SS0142	Safety Switch, Room 140, Cafeteria
4708-SS0143	Safety Switch, Room 140, Cafeteria
4708-SS0144	Safety Switch, Room 1205/E-17
4708-SS0145	Safety Switch, Room 1205/E-17
4708-SS0146	Safety Switch, Room 1205/E-17
4708-SS0147	Safety Switch, Room 1205/E-17
4708-SS0148	Safety Switch, Room 1205/E-17
4708-SS0149	Safety Switch, Room 1205/E-17
4708-SS0150	Safety Switch, Room 1205/E-17
4708-SS0151	Safety Switch, Room 1205/E-17
4708-SS0152	Safety Switch, Room 1205/E-17
4708-SS0153	Safety Switch, Room B1C/E-07
4708-SS0154	Safety Switch, Room 1205/E-17
4708-SS0155	Safety Switch, Room 1205/E-17
4708-SS0156	Safety Switch, Room 1205/E-17
4708-SS0159	Safety Switch, Outside E-09, Tunnel
4708-SS0161	Safety Switch, Outside E-09, Tunnel
4708-SS0162	Safety Switch, Outside E-09, Tunnel
4708-SS0163	Safety Switch, Outside E-09, Tunnel
4708-SS0164	Safety Switch, Tunnel East
4708-SS0165	Safety Switch, Tunnel East
4708-SS0165A	Safety Switch, Tunnel East
4708-SS0172	Safety Switch, Room B5/E-05
4708-SS0173	Safety Switch, Room B5/E-05
4708-SS0173A	Safety Switch, Room B5/E-05
4708-SS0174	Safety Switch, Room B5/E-05
4708-SS0175	Safety Switch, Room B5/E-05
4708-SS0176	Safety Switch, Room B5/E-05
4708-SS0179	Safety Switch, Room B18D/E-06
4708-SS0180	Safety Switch, Room B18D/E-06
4708-SS0181	Safety Switch, Room B18D/E-06
4708-SS0184	Safety Switch, Room B18D/E-06
4708-SS0185	Safety Switch, Room B18D/E-06
4708-SS0186	Safety Switch, Room B18D/E-06
4708-SS0188	Safety Switch, Outside Room B34
4708-SS0189	Safety Switch, Room B24D
4708-SS0190	Safety Switch, E-22
4708-SS0191	Safety Switch, E-22
4708-SS0192	Safety Switch, Room B24D
4708-SS0192A	Safety Switch, Room B24D
4708-SS0193	Safety Switch, Room B24, Outside
4708-SS0194	Safety Switch, Room B30C/E-03
4708-SS0195	Safety Switch, Room B30C/E-03

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-SS0196	Safety Switch, Room B30C/E-03
4708-SS0197	Safety Switch, Room B30C/E-03
4708-SS0198	Safety Switch, Room B30C/E-03
4708-SS0199	Safety Switch, Room B30C/E-03
4708-SS0200	Safety Switch, Room B30C/E-03
4708-SS0201	Safety Switch, Room B30C/E-03
4708-SS0204	Safety Switch, Room B34
4708-SS0204A	Safety Switch, Room B34
4708-SS0205	Safety Switch, Room B34
4708-SS0206	Safety Switch, E-01
4708-SS0207	Safety Switch, E-01
4708-SS0208	Safety Switch, E-01
4708-SS0209	Safety Switch, E-01
4708-SS0210	Safety Switch, E-01
4708-SS0211	Safety Switch, E-01
4708-SS0212	Safety Switch, E-01
4708-SS0213	Safety Switch, Outside E-01
4708-SS0214	Safety Switch, High Bay, North Wall, Col.V
4708-SS0215	Safety Switch, High Bay, North Wall, Col.V
4708-SS0217	Safety Switch, High Bay, North Wall, Col.U
4708-SS0218	Safety Switch, High Bay, North Wall, Col.U
4708-SS0219	Safety Switch, High Bay, North Wall, Col.U
4708-SS0220	Safety Switch, High Bay, North Wall, Col.T
4708-SS0221	Safety Switch, High Bay, North Wall, Col.S
4708-SS0222	Safety Switch, High Bay, South Wall, Col.X
4708-SS0223	Safety Switch, High Bay, South Wall, Col.X
4708-SS0224	Safety Switch, High Bay, South Wall, Col.Z
4708-SS0226	Safety Switch, High Bay, South Wall, Col.Ab
4708-SS0227	Safety Switch, High Bay, South Wall, Col.Ab
4708-SS0228	Safety Switch, High Bay, North Wall, Col.Ab
4708-SS0229	Safety Switch, High Bay, North Wall, Col.Ab
4708-SS0230	Safety Switch, High Bay, North Wall, Col.Aa
4708-SS0231	Safety Switch, E-02
4708-SS0232	Safety Switch, East Outside
4708-SS0233	Safety Switch, East Outside
4708-SS0234	Safety Switch, East Outside
4708-SS0239	Safety Switch, Room 68 (Battery Room)
4708-SS0241	Safety Switch, Room B21
4708-SS0242	Safety Switch, Room B21
4708-SS0243	Safety Switch, Room B21
4708-SS0243A	Safety Switch, Room B21
4708-SS0243B	Safety Switch, Room B21
4708-SS0244	Safety Switch, Room B21
4708-SS0245	Safety Switch, Room B21
4708-SS0245A	Safety Switch, Room B21
4708-SS0246	Safety Switch, West Outside
4708-SS0247	Safety Switch, West Outside
4708-SS0250	Safety Switch, Room 1132C/E-15
4708-SS0251	Safety Switch, Room 1132C/E-15
4708-SS0252	Safety Switch, Room 1132E/E-19
4708-SS0253	Safety Switch, Room 122
4708-SS0254	Safety Switch, Room 122
4708-SS0255	Safety Switch, Room 122

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4708-SS0256	Safety Switch, South Outside
4708-SS0256A	Safety Switch, South Outside
4708-SS0256B	Safety Switch, South Outside
4708-SS0257	Safety Switch, South Outside
4708-SS0258	Safety Switch, South Outside
4708-SS0258A	Safety Switch, South Outside
4708-SS0258B	Safety Switch, South Outside
4708-SS0259	Safety Switch, South Outside
4708-SS0260	Safety Switch, South Outside
4708-SS0260A	Safety Switch, South Outside
4708-SS0260B	Safety Switch, South Outside
4708-SS0260C	Safety Switch, South Outside
4708-SS0261	Safety Switch, South Outside
4708-SS0262	Safety Switch, Room 218
4708-SS0263	Safety Switch, South Outside
4708-SS0265	Safety Switch, Room B1C/E-07
4708-SS0266	Safety Switch, Room 218
4708-SS0267	Safety Switch, Room B18D/E-06
4708-SS0268	Safety Switch, High Bay, North Wall, Col.T
4708-SS0269	Safety Switch, South, Outside
4708-SS0271	Safety Switch, Room 151, North Wall
4708-SS0272	Safety Switch, Room 151, North Wall
4708-SS0273	Safety Switch, Room 151, North Wall
4708-SS0274	Safety Switch, Room 151, North Wall
4708-SS0275	Safety Switch, Room 151, North Wall
4708-SS0276	Safety Switch, Room 151, North Wall
4708-SS0277	Safety Switch, Room 151, North Wall
4708-SS0278	Safety Switch, Room 151, North Wall
4708-SS0279	Safety Switch, Room 151, North Wall
4708-SS0280	Safety Switch, Room 151, North Wall
4708-SS0281	Safety Switch, Room 151, North Wall
4708-SS0282	Safety Switch, Room 151, North Wall
4708-SS0283	Safety Switch, Room 151, North Wall
4708-SS0284	Safety Switch, Room 151, North Wall
4708-SS0285	Safety Switch, Room 151, North Wall
4708-SS0286	Safety Switch, Room 151, North Wall
4708-SS0287	Safety Switch, Room 151, North Wall
4708-SS0288	Safety Switch, Room 151, North Wall
4708-SS0289	Safety Switch, Room 151, North Wall
4708-SS0290	Safety Switch, Room 151, North Wall
4708-SS0291	Safety Switch, Room 151, North Wall
4708-SS0292	Safety Switch, Room 151, North Wall
4708-SS0293	Safety Switch, Room 151, North Wall
4708-SS0294	Safety Switch, Room 155
4708-SS0296	Safety Switch, Adjacent To Room B24d
4708-SS0297	Safety Switch, Adjacent To Room B24d
4708-SS0298	Safety Switch, 1128A
4708-SS0299	Safety Switch, 1128A
4708-SS0300	Safety Switch, Room 1128A
4708-SS0301	Safety Switch, Room 1128A
4708-SS0302	Safety Switch, Room 1128A
4708-SS0303	Safety Switch, Room 1128A
4708-SS0304	Safety Switch, Room 1128A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-SS0305	Safety Switch, Room 1128A
4708-SSS0001	Starter Safety Switch, Room 153, North Wall, Col.E
4708-SSS0002	Starter Safety Switch, Room 1207/E-17
4708-SSS0003	Starter Safety Switch, Room 1207/E-17
4708-SSS0004	Starter Safety Switch, Room 1207/E-17
4708-SSS0004A	Starter Safety Switch, Room 1207/E-17
4708-SSS0004B	Starter Safety Switch, Room 1207/E-17
4708-SSS0005	Starter Safety Switch, Room B5/E-05
4708-SSS0005A	Starter Safety Switch, Room B5/E-05
4708-SSS0005B	Starter Safety Switch, Room B5/E-05
4708-SSS0005C	Starter Safety Switch, Room B5/E-05
4708-SSS0006	Starter Safety Switch, Room B30
4708-SSS0007	Starter Safety Switch, South Outside
4708-SSS0008	Starter Safety Switch, South Outside
4708-SSS0011	Starter Safety Switch, Autoclave
4708-SSS0012	Starter Safety Switch, Room 1150
4708-STRT0001	Starter, E-14
4708-STRT0002	Starter, E-14
4708-STRT0003	Starter, Room 1108
4708-STRT0004	Starter, Room 1108
4708-STRT0005	Starter, Room 1108
4708-STRT0006	Starter, Room 1110B
4708-STRT0007	Starter, Room B1C/E-07
4708-STRT0007A	Starter, Room B1C/E-07
4708-STRT0008	Starter, Room B1C/E-07
4708-STRT0009	Starter, Room B1C/E-07
4708-STRT0009A	Starter, Room B1C/E-07
4708-STRT0012	Starter, Room 1110D/E-08
4708-STRT0013	Starter, Room 154
4708-STRT0013A	Starter, Room 154
4708-STRT0014	Starter, Outside Room 1110A
4708-STRT0015	Starter, Room 153, North Wall, Col.N
4708-STRT0016	Starter, Room 153, North Wall, Col.M
4708-STRT0017	Starter, Room 153, North Wall, Col.N
4708-STRT0018	Starter, Room 153, North Wall, Col.K
4708-STRT0019	Starter, Room 121
4708-STRT0020	Starter, Mezzanine
4708-STRT0021	Starter, Mezzanine
4708-STRT0023	Starter, Room 140, Cafeteria
4708-STRT0024	Starter, Room 140, Cafeteria
4708-STRT0025	Starter, Room 140, Cafeteria
4708-STRT0026	Starter, Room 1205/E-17
4708-STRT0028	Starter, Outside E-09, Tunnel
4708-STRT0030	Starter, Room B5/E-05
4708-STRT0030A	Starter, Room B5/E-05
4708-STRT0032	Starter, Room 1280A/E-20A
4708-STRT0034	Starter, Room B18D/E-06
4708-STRT0035	Starter, Room B30C/E-03
4708-STRT0036	Starter, Room B34
4708-STRT0037	Starter, High Bay, South Wall, Col.X
4708-STRT0038	Starter, High Bay, South Wall, Col.Ab
4708-STRT0039	Starter, High Bay, North Wall, Col.Ab
4708-STRT0040	Starter, High Bay, North Wall, Col.Aa

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-STRT0042	Starter, Room 1132C/E-15
4708-STRT0043	Starter, Room 1132E/E-19
4708-STRT0044	Starter, Room 122
4708-STRT0045	Starter, South Outside
4708-STRT0046	Starter, Room B18D/E-06
4708-STRT0047	Starter, Room B39/E-01
4708-STRT0048	Starter, Room B18D/E-06
4708-STRT0050	Starter, Room 1280A/E-20A
4708-STRT0051	Starter, Room 1280A/E-20A
4708-STRT0052	Starter, Room 1280A/E-20A
4708-SUB0001	Substation, North Side
4708-SUB0002	Substation, South Side
4708-SWBD0001	Switch Board, Rm B30C/Rm E03
4708-SWBD0002	Switch Board, Rm B30C/Rm E03
4708-SWGR0001	Switch Gear, Rm 1116/Rm E13
4708-SWGR0002	Switch Gear, Rm 1116/Rm E13
4708-SWGR0003	Switch Gear, Rm 1116/Rm E13
4708-SWGR0004	Switch Gear, Rm 1116/Rm E13
4708-SWGR0005	Switch Gear, Rm B18C/Rm E06B
4708-SWGR0006	Switch Gear, Rm B18C/Rm E06B
4708-SWGR0007	Switch Gear, Rm B18C/Rm E06B
4708-SWGR0008	Switch Gear, Mezzanine
4708-SWGR0009	Switch Gear, Rm 1128A
4708-SWGR0010	Switch Gear, Rm 1128A
4708-SWGR0011	Switch Gear, Rm 1128A
4708-SWGR0012	Switch Gear, Rm 1128A
4708-SWGR0013	Switch Gear, Rm 1128A
4708-SWGR0014	Switch Gear, Rm B30
4708-SWGR0015	Switch Gear, Rm 1207A/Rm E18
4708-SWGR0016	Switch Gear, Rm 1207A/Rm E18
4708-SWGR0017	Switch Gear, Rm 1132E/E19
4708-SWGR0018	Switch Gear, Outside South
4708-SWGR0019	Switch Gear, Rm 1132A
4708-SWGR0020	Switch Gear, Rm 1128A
4708-TANK0001	Diesel Storage Tank
4708-TMR0002	Timer, Room 1123A/E-12
4708-TMR0003	Timer, Room 155, South Wall
4708-TMR0004	Timer, Room 153, North Wall, Col.E
4708-TMR0005	Timer, Room 1205/E-17
4708-TMR0006	Timer, High Bay, North Wall, Col.W
4708-TMR0008	Timer, Room B1C/E-07
4708-UH0001	Unit Heater, Electric, Rm 1132A
4708-UH0002	Unit Heater, Electric, Rm 1132A
4708-UH0003	Unit Heater, Electric, Rm 1132A
4708-UH0004	Unit Heater, Electric, Rm 1110D/E-08
4708-UH0005	Unit Heater, Electric, Rm E-15
4708-UH0006	Unit Heater, Electric, Rm 1132E/E-19
4708-UH0007	Unit Heater, Electric, Rm 1132E/E-19
4708-UH0008	Unit Heater, Steam, Rm B39/E-01
4708-UH0009	Unit Heater, Steam, Rm B38/E-02
4708-UH0010	Unit Heater, Steam, Rm B30C/E-03
4708-UH0011	Unit Heater, Steam, Rm B18D/E-06
4708-UH0012	Unit Heater, Steam, Rm B1A/E-09

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-UH0013	Unit Heater, Steam, Rm B1C/E-07
4708-UH0014	Unit Heater, Steam, Rm 1193
4708-UH0015	Unit Heater, Steam, Rm 1193
4708-UH0016	Unit Heater, Steam, Rm 1193
4708-UH0017	Unit Heater, Steam, Rm 1193
4708-UPS0001	Ups Power System, E-68 (Battery Room)
4708-UPS0002	UPS Power System, Rm B18C/Rm E06B
4708-UPS0003	UPS Power System, Rm B18C/Rm E06B
4708-UPSS0001	Static Switch Meter Cabinet, Rm B18C/Rm E06B
4708-VSC0003	Variable Frequency Drive, Rm 1280
4708-WJET0003	Water Jet, Rm B1C/Rm E07 - Disconnect in room E7
4708-WJET0005	Water Jet, Basement Tunnel West Crossover - Disconnect at chiller
4708-WJET0006	Water Jet, Rm B38/Rm E02 - Disconnect in room E2
4708-WJET0007	Water Jet, Rm B39/Rm E01 - Disconnect room E1
4708-WSFT0001	Water Softener
4708-XFMR0002	Transformer, Rm 1108
4708-XFMR0003	Transformer, Rm 1108
4708-XFMR0004	Transformer, Outside Rm 1113A
4708-XFMR0005	Transformer, Rm 155 South Wall
4708-XFMR0006	Transformer, Rm 155
4708-XFMR0007	Transformer, Rm 155
4708-XFMR0008	Transformer, Rm 155 South Wall
4708-XFMR0009	Transformer, Rm 155 South Wall
4708-XFMR0010	Transformer, Rm 155, North Wall
4708-XFMR0011	Transformer, Rm 156/Rm E21
4708-XFMR0012	Transformer, Rm 156/Rm E21
4708-XFMR0013	Transformer, Rm 156/Rm E21
4708-XFMR0014	Transformer, Rm 156/Rm E21
4708-XFMR0015	Transformer, Rm 156/Rm E21
4708-XFMR0016	Transformer, Rm 156/Rm E21
4708-XFMR0017	Transformer, Rm 156/Rm E21
4708-XFMR0018	Transformer, Rm 156/Rm E21
4708-XFMR0019	Transformer, Rm 156/Rm E21
4708-XFMR0020	Transformer, Rm 153 North Wall
4708-XFMR0021	Transformer, Rm 153, North Wall
4708-XFMR0022	Transformer, Rm 153, South Wall
4708-XFMR0023	Transformer, Rm 153, Column G
4708-XFMR0024	Transformer, Rm 153, Column J
4708-XFMR0025	Transformer, Rm 153, Column J
4708-XFMR0026	Transformer, Rm 153, Column K
4708-XFMR0027	Transformer, Rm 153, North Wall
4708-XFMR0028	Transformer, Rm 153, North Wall
4708-XFMR0029	Transformer, Rm B1C/Rm E07
4708-XFMR0030	Transformer, Rm B5
4708-XFMR0031	Transformer, Rm B18D/Rm E06
4708-XFMR0032	Transformer, Adjacent to Rm B24D
4708-XFMR0033	Transformer, Adjacent to Rm B24D
4708-XFMR0034	Transformer, Mezzanine
4708-XFMR0035	Transformer, Mezzanine
4708-XFMR0036	Transformer, Mezzanine
4708-XFMR0037	Transformer, Mezzanine
4708-XFMR0038	Transformer, Mezzanine
4708-XFMR0039	Transformer, Mezzanine

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4708-XFMR0040	Transformer, Rm 1132B
4708-XFMR0041	Transformer, Rm 1132B
4708-XFMR0042	Transformer, Rm 1132
4708-XFMR0044	Transformer, Column V3, High Bay, Rm 180
4708-XFMR0045	Transformer, High Bay, South Wall, Column X, Rm 180
4708-XFMR0046	Transformer, Rm B30
4708-XFMR0047	Transformer, Rm B30
4708-XFMR0048	Transformer, Rm B30C/Rm E03
4708-XFMR0049	Transformer, Rm B30C/Rm E03
4708-XFMR0050	Transformer, Rm 1205/Rm E17
4708-XFMR0051	Transformer, Tunnel East
4708-XFMR0052	Transformer, Rm B21
4708-XFMR0053	Transformer, Room 1280A/E20A
4708-XFMR0054	Transformer, Outside South
4708-XFMR0055	Transformer, Rm 1207A/Rm E18
4708-XFMR0056	Transformer, Rm 1280A/Rm E20A
4708-XFMR0057	Transformer, Rm 1280A/Rm E20A
4708-XFMR0058	Transformer, Rm 1280A/Rm E20A
4708-XFMR0059	Transformer, Rm 1132C/Rm E15
4708-XFMR0060	Transformer, Rm 1110
4708-XFMR0061	Transformer, Room B21
4708-XFMR0062	Transformer, Rm 1207A/Rm E18
4708-XFMR0066	Transformer, Room B30CE-03
4708-XFMR0068	Transformer, Room B39/E-01
4708-XFMR0069	Transformer, Room B39/E-01
4708-XFMR0070	Transformer, Room B39E-01
4708-XFMR0071	Transformer, High Bay, North Wall, Col.W
4708-XFMR0072	Transformer, High Bay, North Wall, Col.W
4708-XFMR0075	Transformer, High Bay, South Wall, Col.W
4708-XFMR0077	Transformer, High Bay, South Wall, Col.Ab
4708-XFMR0078	Transformer, High Bay, North Wall, Col.Aa
4708-XFMR0079	Transformer, Room B38/E-02
4708-XFMR0083	Transformer, Room B21
4708-XFMR0085	Transformer, South Outside
4708-XFMR0086	Transformer, South Outside
4708-XFMR0087	Transformer, South Outside
4708-XFMR0089	Transformer, Room 153, North Wall, Col.E
4708-XFMR0090	Transformer, Room 1108
4708-XFMR0095	Transformer, Room 114
4708-XFMR0096	Transformer, Room 114
4708-XFMR0097	Transformer, Room 114
4711-ACMP0001	Air Compressor Control, Rm W175A - Disconnect room W175A
4711-ADRY0002	Air Dryer, Rm W175A - Disconnect at dryer
4711-AH0001	Air Handling Unit, Rm E97 - Disconnect in room E97
4711-AH0002	Air Handling Unit, Rm W122 - Disconnect in room E4
4711-AH0003	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
4711-AH0004	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
4711-AH0005	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
4711-AH0006	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
4711-AH0007	Air Handling Unit, RM W140, N.West End, Overhead - Disconnect on unit
4711-AH0008	Air Handling Unit, Rm E116 - Disconnect room E2
4711-AH0009	Air Handling Unit, Above Rm E113A - Disconnect on unit
4711-AH0010	Air Handling Unit, Rm E178/E01 - Disconnect in room E1

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-AH0011	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
4711-AH0012	Air Handling Unit, South Center Shop - Disconnect on unit
4711-AH0013	Air Handling Unit, Rm W140 N. Center - Disconnect on unit
4711-AH0014	Air Handling Unit, SW Shop - Disconnect on unit
4711-AH0014	Air Handling Unit, SW Shop - Disconnect on unit
4711-AH0015	Air Handling Unit, Above Rm W140B - Disconnect on unit
4711-ATS0001	Auto Transfer Switch, PABX Rm E127A - REMOVED FROM PM PER K PRIMM 4/3/07
4711-BATB0001	Battery Bank, Room E114
4711-BATB0002	Battery Bank, Room E114
4711-BPD0001	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0002	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0003	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0004	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0005	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0006	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0007	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0008	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0009	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0010	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0011	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0012	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0013	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0014	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0015	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0016	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0017	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0018	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0019	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0020	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0021	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0022	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0023	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0024	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0025	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0026	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0027	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0028	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0029	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0030	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0031	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0032	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0033	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0034	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0035	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0036	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0037	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0038	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0039	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0040	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0041	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0042	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0043	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0044	Buss Plug Disconnect, Rm. W140, High Bay

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ATTACHMENT J-6
EQUIPMENT LISTING

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-BPD0098	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0099	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0100	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0101	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0102	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0103	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0104	Buss Plug Disconnect, Rm. W140, High Bay
4711-BPD0105	Buss Plug Disconnect, Rm. W140, High Bay
4711-CBP0001	Circuit Breaker Panel, Room W140A
4711-CBP0002	Circuit Breaker Panel, Hall At Rm. W175
4711-CBP0003	Circuit Breaker Panel, Room W175A
4711-CBP0004	Circuit Breaker Panel, Room W175A
4711-CBP0005	Circuit Breaker Panel, Room W175A
4711-CBP0006	Circuit Breaker Panel, Room E114
4711-CBP0007	Circuit Breaker Panel, Room E114
4711-CBP0008	Circuit Breaker Panel, Room E114
4711-CBP0009	Circuit Breaker Panel, Room E114
4711-CBP0010	Circuit Breaker Panel, Rm. W140, S. Wall
4711-CBS0001	Circuit Breaker Starter, Room W140, S. Wall
4711-CHLR0001	Water Chiller, Outside East End
4711-CHWP0001	Chill Water Pump, East Outside - Disconnect at pump
4711-COIL0001	VAV/Reheat Coil, Vacuum Chase (VAV 5-2)
4711-COIL0002	VAV/Reheat Coil, Vacuum Chase (VAV 5-1)
4711-COIL0003	VAV/Reheat Coil, Rm 101 (VAV 1-6)
4711-COIL0004	VAV/Reheat Coil, Rm 101 (VAV 1-7)
4711-COIL0005	VAV/Reheat Coil, Rm 101 (VAV 1-10)
4711-COIL0006	VAV/Reheat Coil, Rm E111B (VAV 8-8)
4711-COIL0007	VAV/Reheat Coil, Rm E111B (VAV 8-15)
4711-COIL0008	VAV/Reheat Coil, Rm E112 (VAV 8-7)
4711-COIL0009	VAV/Reheat Coil, Rm E112 (VAV 8-5)
4711-COIL0010	VAV/Reheat Coil, Rm E112 (VAV 8-13)
4711-COIL0011	VAV/Reheat Coil, Rm E112 (VAV 8-12)
4711-COIL0012	VAV/Reheat Coil, Doorway to Rm E113 (VAV 8-6)
4711-COIL0013	VAV/Reheat Coil, Rm E113 (VAV 8-15)
4711-COIL0014	VAV/Reheat Coil, Outside Rm E113 (VAV 8-14)
4711-COIL0015	VAV/Reheat Coil, Rm E114 (VAV 8-4)
4711-COIL0016	VAV/Reheat Coil, Rm E114 (VAV 8-3)
4711-COIL0017	VAV/Reheat Coil, Rm E114 (VAV 8-10)
4711-COIL0018	VAV/Reheat Coil, Rm E114 (VAV 8-11)
4711-COIL0019	VAV/Reheat Coil, Outside Rm E116 (VAV 8-1)
4711-COIL0020	VAV/Reheat Coil, Rm E176 (VAV 10-6)
4711-COIL0021	VAV/Reheat Coil, Rm E176 (VAV 10-10)
4711-COIL0022	VAV/Reheat Coil, Rm E177 (VAV 10-9)
4711-COIL0023	VAV/Reheat Coil, Rm E177 NW Corner (VAV 10-11)
4711-COIL0024	VAV/Reheat Coil, Rm E178 (VAV 10-14)
4711-COIL0025	VAV/Reheat Coil, Rm E178 (VAV 10-1)
4711-COIL0026	VAV/Reheat Coil, Rm E179 SW Corner (VAV 10-7)
4711-COIL0027	VAV/Reheat Coil, Rm E179 Middle (VAV 10-12)
4711-COIL0028	VAV/Reheat Coil, Rm E179 Middle East (VAV 10-3)
4711-COIL0029	VAV/Reheat Coil, Outside E door to Rm E179 (VAV 10-13)
4711-COIL0030	VAV/Reheat Coil, Rm E179A (VAV 10-5)
4711-COIL0031	VAV/Reheat Coil, Outside Rm E179A (VAV 10-4)
4711-COIL0032	VAV/Reheat Coil, Above door to Rm E179B (VAV 10-2)

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-COIL0033	VAV/Reheat Coil, Rm E180 SW Corner (VAV 10-8)
4711-COIL0034	VAV/Reheat Coil, Outside Rm W100C (VAV 1-9)
4711-COIL0035	VAV/Reheat Coil, Outside Rm W100F (VAV 1-8)
4711-COIL0036	VAV/Reheat Coil, Outside Rm W110 (VAV 1-5)
4711-COIL0037	VAV/Reheat Coil, Above door to Rm W111 (VAV 1-4)
4711-COIL0038	VAV/Reheat Coil, Right of door to Rm W112 (VAV 1-12)
4711-COIL0039	VAV/Reheat Coil, Above door to Rm W113 (VAV 1-3)
4711-COIL0040	VAV/Reheat Coil, Above door to Rm W115 (VAV 1-1)
4711-COIL0041	VAV/Reheat Coil, Rm W117 (VAV 1-11)
4711-COIL0042	VAV/Reheat Coil, Rm W126 (VAV 2-10)
4711-COIL0043	VAV/Reheat Coil, Rm W126 (VAV 2-1)
4711-COIL0044	VAV/Reheat Coil, Rm W128 (VAV 2-9)
4711-COIL0045	VAV/Reheat Coil, Rm W128 (VAV 2-2)
4711-COIL0046	VAV/Reheat Coil, Rm W130 (VAV 2-8)
4711-COIL0047	VAV/Reheat Coil, Rm W130 (VAV 2-3)
4711-COIL0048	VAV/Reheat Coil, Rm W132 (VAV 2-7)
4711-COIL0049	VAV/Reheat Coil, Rm W132 (VAV 2-4)
4711-COIL0050	VAV/Reheat Coil, Rm W133 (VAV 5-5)
4711-COIL0051	VAV/Reheat Coil, Rm W133 East Wall (VAV 5-4)
4711-COIL0052	VAV/Reheat Coil, Rm W134 (VAV 2-6)
4711-COIL0053	VAV/Reheat Coil, Rm W134 (VAV 2-5)
4711-COIL0054	VAV/Reheat Coil, Outside Rm W148 (VAV 1-12)
4711-COIL0055	VAV/Reheat Coil, Outside Rm W155 (VAV 1-13)
4711-COIL0056	VAV/Reheat Coil, Outside Rm W167 (VAV 1-14)
4711-COIL0057	Chilled Water Coil, AH0001, Rm E-97
4711-COIL0058	Hot Water/Steam Coil, AH0001, Rm E-97
4711-COIL0059	Chilled Water Coil, AH0002, Rm W122
4711-COIL0060	Hot Water/Steam Coil, AH0002, Rm W122
4711-COIL0061	Chilled Water Coil, AH0003, Rm W208
4711-COIL0062	Hot Water/Steam Coil, AH0003, Rm W208
4711-COIL0063	Chilled Water Coil, AH0004, Rm W208
4711-COIL0064	Hot Water/Steam Coil, AH0004, Rm W208
4711-COIL0065	Chilled Water Coil, AH0005, Rm W208
4711-COIL0066	Hot Water/Steam Coil, AH0005, Rm W208
4711-COIL0067	Chilled Water Coil, AH0006, Rm W208
4711-COIL0068	Hot Water/Steam Coil, AH0006, Rm W208
4711-COIL0069	Chilled Water Coil, AH0007, Rm W140, NW End
4711-COIL0070	Hot Water/Steam Coil, AH0007, Rm W140, NW End
4711-COIL0071	Chilled Water Coil, AH0008, Rm E116
4711-COIL0072	Hot Water/Steam Coil, AH0008, Rm E116
4711-COIL0073	Chilled Water Coil, AH0009, Rm E113A
4711-COIL0074	Hot Water/Steam Coil, AH0009, Rm E113A
4711-COIL0075	Chilled Water Coil, AH0010, Rm E178/E-1
4711-COIL0076	Hot Water/Steam Coil, AH0010, Rm E178/E-1
4711-COIL0077	Chilled Water Coil, AH0011, Rm W208
4711-COIL0078	Hot Water/Steam Coil, AH0011, Rm W208
4711-COIL0079	Chilled Water Coil, AH0012, South Center Shop
4711-COIL0080	Hot Water/Steam Coil, AH0012, South Center Shop
4711-COIL0081	Chilled Water Coil, AH0013, Rm W140, N Center
4711-COIL0082	Hot Water/Steam Coil, AH0013, Rm W140, N Center
4711-COIL0083	Chilled Water Coil, AH0014, SW Shop
4711-COIL0084	Hot Water/Steam Coil, AH0014, SW Shop
4711-COIL0085	Chilled Water Coil, AH0015, Rm W140B

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-COIL0086	Hot Water/Steam Coil, AH0015, Rm W140B
4711-DOOR0001	Roll-Up Door, North Side - Disconnect at door
4711-DOOR0002	Roll-Up Door, North Side - Disconnect at door
4711-DOOR0003	Roll-Up Door Automatic, North Side Room W140A
4711-DOOR0004	Sliding Door Automatic, E124, Xray Area
4711-DXAC0001	Direct Expansion AC Unit, PABX Rm E127A - Disconnect in room E127A
4711-DXAC0001	Direct Expansion AC Unit, PABX Rm E127A - Disconnect in room E127A
4711-DXAC0001	Direct Expansion AC Unit, PABX Rm E127A - Disconnect in room E127A
4711-DXAC0002	Direct Expansion AC Unit, Rm E179A - Disconnect in room E179A - Disconnect in room E179A
4711-DXAC0002	Direct Expansion AC Unit, Rm E179A - Disconnect in room E179A - Disconnect in room E179A
4711-EAF0001	Exhaust Blower Fan, Attic over Rm W175A - Disconnect at fan motor
4711-EAF0003	Exhaust Blower Fan, Rm W140 - Disconnect at fan motor
4711-EAF0005	Exhaust Blower Fan, Outside, East - Disconnect at fan motor
4711-EAF0006	Exhaust Blower Fan, Outside, East - Disconnect at fan motor
4711-EAF0006	Exhaust Blower Fan, Outside, East - Disconnect at fan motor
4711-EAF0007	Exhaust Blower Fan, Outside, East - Disconnect at fan motor
4711-EAF0008	Exhaust Blower Fan, Outside, East - Disconnect at fan motor
4711-EW0001	Safety Eyewash Portable, Rm W140A
4711-EW0004	Safety Eyewash, Rm E180
4711-EW0005	Safety Eyewash, Rm W134
4711-FAS0001	Fire Alarm System, South Side
4711-FID0001	Field Interface Device, Rm E178
4711-HST0001	3-Ton Cable Hoist, East Side North End - Disconnect at SOUTH SIDE
4711-HST0002	1-Ton Cable Hoist, East Side North End - Disconnect at SOUTH COLUMN
4711-HST0003	300 lbs. Chain Hoist, Rm E179A - Disconnect at MOUNTED ON GANTRY
4711-HST0004	1/4-Ton Chain Hoist, Rm W136
4711-HST0005	1/8-Ton Chain Hoist, Rm W136
4711-HST0006	2-Ton Electric Hoist, Loftus Furnace, Rm W141 - Disconnect at NORTH WALL
4711-HST0007	1-Ton Tramrail Hoist, North End - Disconnect at NORTH COLUMN
4711-HST0008	1-Ton Tramrail Hoist, North End Center - Disconnect at NORTH COLUMN
4711-HST0009	1-Ton Tramrail Hoist, North End Center - Disconnect at SOUTH EAST COLUMN
4711-HST0010	3-Ton Tramrail Hoist, North Center - Disconnect at NORTH COLUMN
4711-HUM0001	Humidifier, Mezzanine Over Rm W108A, Rm W208
4711-HUM0002	Humidifier, Mezzanine Over Rm W108A, Rm W208
4711-HUM0003	Humidifier, Mezzanine Over Rm W108A, Rm W208
4711-HUM0004	Humidifier, Mezzanine Over Rm W108A, Rm W208
4711-HWHD0001	Hot Water Heater - Domestic, Rm W140 - Disconnect at heater
4711-HWHD0002	Hot Water Heater - Domestic, Rm E116 - Disconnect in room E116
4711-HWHD0003	Hot Water Heater - Domestic, Rm W140 - Disconnect at heater
4711-HWHD0004	Hot Water Heater - Domestic, Rm W140 - Disconnect at heater
4711-HWHD0005	Hot Water Heater - Domestic, Rm E125 - Disconnect in room E125
4711-HWHD0006	Hot Water Heater - Domestic, Rm E116 - Disconnect in room E116
4711-HWHD0007	Hot Water Heater - Domestic, Rm W174 - Disconnect at heater
4711-HWP0001	Hot Water Pump, Rm E116 - Disconnect in room E116
4711-LTS0001	Emergency Lt. Flour. - Hall Near Rm W111, SOUTH
4711-LTS0002	Emergency Lt. Flour. - Hallway Near Rm W114A
4711-LTS0003	Emergency Lt. Flour. - Hallway Near Rm W126
4711-LTS0004	Emergency Lt. Flour. - Hallway Near Rm W145
4711-LTS0005	Emergency Lt. Flour. - Hallway Near Rm W173
4711-LTS0006	Emergency Lt. Flour. - Hallway Near Rm W172
4711-LTS0007	Emergency Lt. Flour. - Hallway Near Rm W111, NORTH
4711-LTS0008	Emergency Lt. Flour. - Hallway Near Rm W115B
4711-LTS0009	Emergency Lt. Flour. - Hallway Near Rm W130

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-LTS0010	Emergency Lt. Flour. - Hallway Near Rm W100C
4711-LTS0011	Emergency Lt. Flour. - Hallway Near Rm W100F
4711-LTS0012	Emergency Lt. Flour. - Hallway Near Rm E111
4711-LTS0013	Emergency Lt. Flour. - Hallway Near Rm E116
4711-LTS0014	Emergency Lt. Flour. - Hallway Near Rm E122
4711-LTS0015	Emergency Lt. Flour. - Hallway Near Rm W108
4711-LTS0016	Emergency Lt. Flour. - High Bay South East, Rm W140
4711-LTS0017	Emergency Lt. Flour. - High Bay East, Rm W140
4711-LTS0018	Emergency Lt. Flour. - High Bay East Center, Rm W140
4711-LTS0019	Emergency Lt. Flour. - High Bay East, Rm W140
4711-LTS0020	Emergency Lt. Flour. - High Bay North East, Rm W140
4711-LTS0021	Emergency Lt. Flour. - High Bay Near Col G11, Rm W140
4711-LTS0022	Emergency Lt. Flour. - High Bay Near Col G09, Rm W140
4711-LTS0023	Emergency Lt. Flour. - High Bay Near Rm W179, Rm W140
4711-LTS0024	Emergency Lt. Flour. - High Bay Near Col E09, Rm W140
4711-LTS0025	Emergency Lt. Flour. - High Bay Near Col E10, Rm W140
4711-LTS0026	Emergency Lt. Flour. - High Bay Near Col E11, Rm W140
4711-LTS0027	Emergency Lt. Flour. - High Bay N. Near Rollup Door, Rm W140
4711-LTS0028	Emergency Lt. Flour. - Lobby S. E.
4711-LTS0029	Emergency Lt. Flour. - High Bay N. Near Rm W140A, Rm W140
4711-LTS0030	Emergency Lt. Flour. - High Bay Near Col B09, Rm W140
4711-LTS0031	Emergency Lt. Flour. - High Bay Near Col B10, Rm W140
4711-LTS0032	Emergency Lt. Flour. - High Bay Near Rm W136, Rm W140
4711-LTS0033	Emergency Lt. Flour. - High Bay Over S.W. Entrance, Rm W140
4711-MTS0001	Manual Transfer Switch, Room E114
4711-MTS0002	Manual Transfer Switch, Room E114
4711-ODT0001	Oxygen Detection System, Hallway Rm E112
4711-ODT0002	Oxygen Detection System, Hallway Rm 176
4711-ODT0003	Oxygen Detection System, Rm W140
4711-ODT0004	Oxygen Detection System, Rm W140
4711-ODT0005	Oxygen Detection System, Hallway Rm E179B
4711-PMP0001	Water Pump, Deep Freeze Room, Rm W139 - Disconnect at pump
4711-PMP0002	Water Pump, Rm E116 - Disconnect in room E116
4711-PMP0003	Water Pump, RM W140a - Disconnect at pump
4711-PNL0001	Panel Board, Rm W132
4711-PNL0002	Panel Board, Hallway, Rm W132
4711-PNL0003	Panel Board, Hallway, Rm W126
4711-PNL0004	Panel Board, Over Rm W175A
4711-PNL0005	Panel Board, Rm W122
4711-PNL0006	Panel Board, Hallway Rm W130
4711-PNL0007	Panel Board, Rm W179
4711-PNL0008	Panel Board, Hallway Rm W130
4711-PNL0009	Panel Board, Rm W130
4711-PNL0010	Panel Board, Rm W179
4711-PNL0011	Panel Board, Hallway Rm W178
4711-PNL0012	Panel Board, Rm W179, Hallway
4711-PNL0013	Panel Board, Hallway, Rm W178
4711-PNL0014	Panel Board, Rm W100A, Hallway
4711-PNL0015	Panel Board, Hallway Rm W173
4711-PNL0016	Panel Board, Rm E176
4711-PNL0017	Panel Board, Rm E176
4711-PNL0018	Panel Board, Rm E112
4711-PNL0019	Panel Board, Rm E112

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-PNL0020	Panel Board, Rm E112
4711-PNL0021	Panel Board, Hallway Rm E111
4711-PNL0022	Panel Board, Hallway Rm E111
4711-PNL0023	Panel Board, Rm E111, Hallway
4711-PNL0024	Panel Board, Hallway Rm E113
4711-PNL0025	Panel Board, Hallway Rm E114
4711-PNL0026	Panel Board, Rm E114
4711-PNL0027	Panel Board, Rm E113A
4711-PNL0028	Panel Board, Rm E179 NW
4711-PNL0029	Panel Board, Rm E179 NW
4711-PNL0030	Panel Board, Rm E179 West
4711-PNL0031	Panel Board, Rm E179 SW
4711-PNL0032	Panel Board, Rm E179B
4711-PNL0033	Panel Board, Hallway Rm E179
4711-PNL0034	Panel Board, Hallway Rm E01
4711-PNL0035	Panel Board, Rm E116
4711-PNL0036	Panel Board, Rm E118
4711-PNL0037	Panel Board, Rm E178
4711-PNL0038	Panel Board, Rm E125
4711-PNL0039	Panel Board, Hallway Rm E125
4711-PNL0040	Panel Board, Hallway Rm E125
4711-PNL0041	Panel Board, Rm W174
4711-PNL0042	Panel Board, Rm W174
4711-PNL0043	Panel Board, Rm E180
4711-PNL0044	Panel Board, Rm W138
4711-PNL0045	Panel Board, Hallway Rm W138
4711-PNL0046	Panel Board, Rm W140
4711-PNL0047	Panel Board, Rm W139
4711-PNL0048	Panel Board, PABX Rm E127A
4711-PNL0049	Panel Board, Hall at Rm W113
4711-PNL0050	Panel Board, Rm W139/E06
4711-PNL0051	Panel Board, Hall at Rm E112
4711-PNL0052	Panel Board, Hall at Rm E112
4711-PNL0055	Panel Board, Rm W175A, Mezzanine
4711-PNL0056	Panel Board, Rm E178/E01
4711-PNL0057	Panel Board, Rm E115
4711-PNL0058	Panel Board, Rm E115
4711-PNL0059	Panel Board, Hall at Rm E175A
4711-ROOF0001	Roof, Main, Bldg 4711
4711-ROOF0002	Roof, Bldg 4711
4711-ROOF0003	Roof, Bldg 4711
4711-ROOF0004	Roof, Bldg 4711
4711-SHEW0001	Safety Shower & Eyewash, North Outside
4711-SHEW0002	Safety Shower & Eyewash, Rm E125
4711-SHEW0003	Safety Shower & Eyewash, Rm W133
4711-SPR0001	Sprinkler System, Rm W122, E04
4711-SS0001	Safety Switch, Room E-05
4711-SS0002	Safety Switch, Room W126
4711-SS0003	Safety Switch, Room W133
4711-SS0004	Safety Switch, Room W133
4711-SS0005	Safety Switch, Room W129
4711-SS0006	Safety Switch, Room W129
4711-SS0007	Safety Switch, Room W128

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-SS0008	Safety Switch, Room W128
4711-SS0009	Safety Switch, Room W130
4711-SS0010	Safety Switch, Room W132
4711-SS0011	Safety Switch, Room W136
4711-SS0012	Safety Switch, Room W136
4711-SS0013	Safety Switch, Room W136
4711-SS0014	Safety Switch, Room W136
4711-SS0015	Safety Switch, Hall At Rm. W138
4711-SS0016	Safety Switch, Room W140A
4711-SS0017	Safety Switch, Room W140A
4711-SS0018	Safety Switch, Room W140A
4711-SS0019	Safety Switch, Room W140A
4711-SS0020	Safety Switch, Room W140A
4711-SS0021	Safety Switch, Room W140A
4711-SS0022	Safety Switch, Room W140A
4711-SS0023	Safety Switch, Room W140A
4711-SS0024	Safety Switch, Room W140A
4711-SS0025	Safety Switch, Room W140A
4711-SS0026	Safety Switch, Room W140A
4711-SS0027	Safety Switch, Hall At Rm. W134
4711-SS0028	Safety Switch, Hall At Rm. W134
4711-SS0029	Safety Switch, Hall At Rm. W134
4711-SS0030	Safety Switch, Hall At Rm. W134
4711-SS0031	Safety Switch, Rm. W140, At Enviro. Chamb.
4711-SS0032	Safety Switch, Rm. W140, At Ahu14
4711-SS0033	Safety Switch, Rm. W140, At Sand Blast.
4711-SS0034	Safety Switch, Rm. W140, At Sand Blast.
4711-SS0035	Safety Switch, Room W175
4711-SS0036	Safety Switch, Hall At Rm. W179
4711-SS0037	Safety Switch, Hall At Rm. W179
4711-SS0039	Safety Switch, Rm. W140 At Ahu12
4711-SS0040	Safety Switch, Room 175A
4711-SS0041	Safety Switch, Room W175A
4711-SS0042	Safety Switch, Room W175A
4711-SS0043	Safety Switch, Room W175A
4711-SS0044	Safety Switch, Rm. W175A
4711-SS0045	Safety Switch, Room W175A, Mezz.
4711-SS0046	Safety Switch, Room W175A, Mezz.
4711-SS0047	Safety Switch, Room W175A, Mezz.
4711-SS0048	Safety Switch, Room W175A, Mezz.
4711-SS0049	Safety Switch, Room E112
4711-SS0050	Safety Switch, Room E114
4711-SS0051	Safety Switch, Room E114
4711-SS0052	Safety Switch, Room E115
4711-SS0053	Safety Switch, Room E115
4711-SS0054	Safety Switch, Room E115
4711-SS0055	Safety Switch, Room E115
4711-SS0056	Safety Switch, Room E116, E-02
4711-SS0057	Safety Switch, Room E120
4711-SS0058	Safety Switch, Room E177
4711-SS0059	Safety Switch, Room E177
4711-SS0060	Safety Switch, Room E178, E-01
4711-SS0061	Safety Switch, Room E179

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-SS0062	Safety Switch, Room E179
4711-SS0063	Safety Switch, Room E179A
4711-SS0064	Safety Switch, Room E179A
4711-SS0065	Safety Switch, Room E179A
4711-SS0066	Safety Switch, Room E176
4711-SS0067	Safety Switch, Room W108
4711-SS0068	Safety Switch, Room W108
4711-SS0069	Safety Switch, Rm. W140, Colm. At Rm E180
4711-SS0070	Safety Switch, Rm. W140, Colm. At Rm E180
4711-SS0071	Safety Switch, Rm. W140, Colm. At Rm E180
4711-SS0072	Safety Switch, Rm. W140, Colm. At Hook Stick
4711-SS0073	Safety Switch, Rm. W140, At Crane
4711-SS0074	Safety Switch, Rm. W140, At Crane
4711-SS0075	Safety Switch, Rm. W140, Rear Door
4711-SS0076	Safety Switch, Rm. W140, North Wall
4711-SS0077	Safety Switch, Rm. W140, North Wall
4711-SS0078	Safety Switch, Rm. W140, MacHine Welder
4711-SS0079	Safety Switch, Rm. W140, MacHine Welder
4711-SS0080	Safety Switch, Rm. W140, MacHine Welder
4711-SS0081	Safety Switch, Rm. W140, Colm At Rm. E180
4711-SS0082	Safety Switch, Rm. W140, Colm. At Rm. E180
4711-SS0083	Safety Switch, Rm. W140, Colm. At Rm. E180
4711-SS0084	Safety Switch, Rm. W140, Near W180 Crane
4711-SS0085	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0086	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0087	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0088	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0089	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0090	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0091	Safety Switch, Rm. W140, Ctr. Colm.
4711-SS0092	Safety Switch, Rm. W140, East Colm.
4711-SS0093	Safety Switch, Rm. W140, East Colm.
4711-SS0094	Safety Switch, Rm. W140, East Colm.
4711-SS0095	Safety Switch, Rm. W140, East Colm.
4711-SS0096	Safety Switch, Rm. W140, East Colm.
4711-SS0097	Safety Switch, Rm. W140, East Colm.
4711-SS0098	Safety Switch, Rm. W140, East Colm.
4711-SS0099	Safety Switch, Rm. W140, E. Colm.
4711-SS0100	Safety Switch, Rm. W140, E. Colm.
4711-SS0101	Safety Switch, Rm. W140, Welder E. Colm.
4711-SS0102	Safety Switch, Rm. W140, E. Colm.
4711-SS0103	Safety Switch, Room W139
4711-SS0104	Safety Switch, Rm. W140, E. Colm.
4711-SS0105	Safety Switch, Rm. W140, E. Colm.
4711-SS0106	Safety Switch, Rm. W140, N. Wall
4711-SS0107	Safety Switch, Rm. W140, North Wall
4711-SS0108	Safety Switch, Rm. W140, N. Wall
4711-SS0109	Safety Switch, Rm. W140, N. Wall
4711-SS0110	Safety Switch, Rm. W140, N. Wall
4711-SS0111	Safety Switch, Rm. W140, N. Wall
4711-SS0112	Safety Switch, Rm. W140, E. Colm. Rear
4711-SS0113	Safety Switch, Rm. W140, N. Wall
4711-SS0114	Safety Switch, Rm. W140, N. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-SS0115	Safety Switch, Rm. W140, E. Wall
4711-SS0116	Safety Switch, Rm. W140, E. Wall Ne
4711-SS0117	Safety Switch, Rm. W140, E. Wall
4711-SS0118	Safety Switch, Rm. W140, E. Wall
4711-SS0119	Safety Switch, Rm. W140, E. Wall Ne
4711-SS0120	Safety Switch, Rm. W140, East Wall
4711-SS0121	Safety Switch, Rm. W140, East Wall
4711-SS0122	Safety Switch, Rm. W140, East Wall
4711-SS0123	Safety Switch, Rm. W140, East Wall
4711-SS0124	Safety Switch, Rm. W140, E. Wall, Se Crane
4711-SS0125	Safety Switch, Room W136
4711-SS0126	Safety Switch, Rm. W140, S. Wall
4711-SS0127	Safety Switch, Room E127A
4711-SS0128	Safety Switch, Room E127A
4711-SS0129	Safety Switch, Room E124
4711-SS0130	Safety Switch, Room E126
4711-SS0131	Safety Switch, Room E126
4711-SS0132	Safety Switch, Room E180
4711-SS0133	Safety Switch, Room E180
4711-SS0134	Safety Switch, E. Outside, At Ac
4711-SS0135	Safety Switch, E. Outside, Exh. Fans
4711-SS0136	Safety Switch, E. Outside, Exh. Fans
4711-SS0137	Safety Switch, E. Outside, Exh. Fans
4711-SS0138	Safety Switch, E. Outside, Exh. Fans
4711-SS0139	Safety Switch, E. Outside, Exh. Fans
4711-SS0140	Safety Switch, E. Outside, At Gen.
4711-SS0141	Safety Switch, E. Outside, At Dxac
4711-SS0142	Safety Switch, Room W141
4711-SS0143	Safety Switch, Room W141
4711-SS0144	Safety Switch, Room W141
4711-SS0145	Safety Switch, Room W141
4711-SS0146	Safety Switch, Room W141
4711-SS0147	Safety Switch, Room W141
4711-SS0148	Safety Switch, Room W141
4711-SS0149	Safety Switch, Room W141
4711-SS0150	Safety Switch, Room W141
4711-SS0151	Safety Switch, Room W141
4711-SS0152	Safety Switch, Room W141
4711-SS0153	Safety Switch, Room W141
4711-SS0154	Safety Switch, Room W141
4711-SS0155	Safety Switch, Room W141
4711-SS0156	Safety Switch, Room W141
4711-SS0157	Safety Switch, Room W141
4711-SS0158	Safety Switch, Room W174
4711-SS0159	Safety Switch, Room W174
4711-SS0160	Safety Switch, Rm. W140, Ctr. Area
4711-SS0161	Safety Switch, Room W134
4711-SS0162	Safety Switch, Room W134
4711-SS0163	Safety Switch, Room W134
4711-SS0164	Safety Switch, Room W134
4711-SSS0001	Starter Safety Switch, Hall At Rm. W136
4711-SSS0002	Starter Safety Switch, Room W140A
4711-SSS0003	Starter Safety Switch, Room W140A

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-SSS0004	Starter Safety Switch, Room W175A, Mezz.
4711-SSS0005	Starter Safety Switch, Room W175A, Mezz.
4711-SSS0006	Starter Safety Switch, Room W175A, Mezz.
4711-SSS0007	Starter Safety Switch, Room E179A
4711-STRT0001	Starter, Room W129
4711-STRT0002	Starter, Room W140
4711-STRT0003	Starter, Rm. W140, At Ahu14
4711-STRT0004	Starter, Rm. W140, At Ahu12
4711-STRT0005	Starter, Hall At Rm. W175A
4711-STRT0006	Starter, Room 175A
4711-STRT0007	Starter, Room E179
4711-STRT0008	Starter, Room E179
4711-STRT0009	Starter, Room E179
4711-STRT0010	Starter, Room E179A
4711-STRT0011	Starter, Room E176
4711-STRT0012	Starter, Room W108
4711-STRT0013	Starter, Rm. W140, E. Colm.
4711-STRT0014	Starter, Rm. W140, N. Wall
4711-STRT0015	Starter, Rm. W140, E. Colm.
4711-STRT0016	Starter, Rm. W140, N. Wall
4711-STRT0017	Starter, Rm. W140, E. Wall
4711-STRT0018	Starter, Rm. W140, E. Wall
4711-STRT0019	Starter, Rm. W140, E. Wall
4711-STRT0020	Starter, Rm. W141
4711-STRT0021	Starter, Rm W141
4711-STRT0022	Starter, Rm. W141
4711-STRT0023	Starter, Rm. W141
4711-STRT0024	Starter, Room W141
4711-STRT0025	Starter, Rm. W141
4711-UH0001	Unit Heater Steam, W141
4711-UH0002	Unit Heater Steam, W141
4711-UH0003	Unit Heater Steam, W141
4711-UH0004	Unit Heater Steam, W140A
4711-UH0005	Unit Heater Steam, W140A
4711-UPC0001	Unit Power Center, Rm W139
4711-UPS0001	Uninterrupted Power Source, Room E114
4711-UPS0002	Uninterrupted Power Source, Room E114
4711-VSC0001	Variable Speed Controller, Rm E97/Rm E05
4711-VSC0002	Variable Speed Controller, Rm W122
4711-VSC0003	Variable Speed Controller, Rm E178
4711-VSC0004	Variable Speed Controller, Rm E116
4711-VSC0005	Variable Spd Controller, Mezzanine, Over W108A, Rm W208
4711-VSC0006	Variable Spd Controller, Mezzanine, Over W108A
4711-VSC0007	Variable Speed Controller, Rm E127
4711-VSC0008	Variable Speed Controller, E127
4711-XFMR0001	Transformer, Hallway Rm 125
4711-XFMR0002	Transformer, Rm W175A
4711-XFMR0003	Transformer, Rm E116
4711-XFMR0004	Transformer, Rm E116
4711-XFMR0005	Transformer, Rm E178
4711-XFMR0006	Transformer, Room W141
4711-XFMR0007	Transformer, Room W141
4711-XFMR0008	Transformer, Room W141

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4711-XFMR0009	Transformer, Room W140, N. Wall
4711-XFMR0010	Transformer, Room W140, E. Colm.
4711-XFMR0011	Transformer, Room W140
4711-XFMR0012	Transformer, Room W140
4711-XFMR0013	Transformer, Room E113A
4711-XFMR0014	Transformer, Room W175A
4711-XFMR0015	Transformer, Room W175A
4711-XFMR0016	Transformer, Room W175A
4711-XFMR0017	Transformer, Room E115
4711-XFMR0025	Transformer, Room E126
4714-ACMP0001	Air Compressor Control, Rm 100/Rm E01 - Disconnect room E1
4714-ACMP0002	Air Compressor Control, Rm 100/Rm E01 - Disconnect room E1
4714-ADRY0001	Air Dryer, Rm 100/Rm E01 - Disconnect room E1
4714-BFP0001	Back Flow Preventer - Hot Water, Rm 100/Rm E01
4714-BFP0002	Back Flow Preventer - Chilled Water, Rm 100/Rm E01
4714-CHLR0001	Water Chiller, Rm 100/Rm E01
4714-CHWP0001	Chill Water Pump, Rm 100/Rm E01 - Disconnect room E1
4714-CHWP0002	Chill Water Pump, Rm 100/Rm E01 - Disconnect room E1
4714-HTR0001	Heater Unit, Rm 100/Rm E01 - Disconnect at unit
4714-HWHD0001	Hot Water Heater Domestic, Rm 100/Rm E01 - Disconnect room E1
4714-HWP0001	Hot Water Pump, Rm 100/Rm E01 - Disconnect room E1
4714-HWP0002	Pump Hot Water, Interior
4714-HXGR0001	Heat Exchanger, Rm 100/Rm E01
4714-LTS0001	Emergency Lighting, E.Stairway,2nd Fl Landing
4714-PNL0001	Panel Board, Rm 100/Rm E01
4714-PNL0002	Panel Board, Rm 100/Rm E01
4714-PNL0003	Panel Board, Rm 100/Rm E01
4714-PNL0004	Panel Board, Rm 100/Rm E01
4714-ROOF0001	Roof, Main, Bldg 4714
4714-SS0001	Safety Switch, Interior, S. Wall
4714-STRT0001	Starter, Interior, S. Wall
4714-STRT0002	Starter, Interiore. Wall
4714-STRT0003	Starter, Interior, E. Wall
4714-STRT0004	Starter, Interior At Acmp02
4714-VSC0001	Variable Speed Controller, Rm 100/Rm E01, Assoc w/ CHWP
4714-VSC0002	Variable Speed Controller, Rm 100/Rm E01, Assoc w/ HWS
4714-XFMR0001	Transformer, Rm 100/Rm E01
4715-CBS0001	Circuit Breaker Starter, Solvent B Room
4715-DOOR0001	Roll-up Door, NW Side - Disconnect at door
4715-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4715-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
4715-DXAC0002	Direct Expansion AC Unit - Disconnect at unit
4715-EAF0001	Exhaust Blower Fan, North Wall - Disconnect at fan motor
4715-FAS0001	Fire Alarm System, South Side
4715-HTR0001	Unit Heater, Electric, S. Wall Of S. Room
4715-HTR0002	Unit Heater, Electric, N. Wall
4715-HTR0003	Unit Heater, Steam, S. Wall, S. Room
4715-HTR0004	Unit Heater, Steam, N. Wall Of S. Room
4715-HTR0005	Unit Heater, Steam, S. Wall Of N. Room
4715-PNL0001	Panel Board, SE Corner Inside
4715-PNL0002	Panel Board, South Wall Inside
4715-PNL0003	Panel Board, South Wall Inside
4715-ROOF0001	Roof, Main, Bldg 4715

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4715-ROOF0002	Roof, Bldg 4715
4715-ROOF0003	Roof, Bldg 4715
4715-SH0001	Safety Shower, West Wall Inside
4715-SH0002	Safety Shower, West Wall Inside
4715-SPR0001	Sprinkler System, Inside
4715-SS0001	Safety Switch, Outside, East
4715-SS0002	Safety Switch, Outside, East
4715-SS0003	Safety Switch, Outside, East
4715-SS0004	Safety Switch, South Wall
4715-SS0005	Safety Switch, South Wall
4715-SS0006	Safety Switch, South Wall
4715-SS0007	Safety Switch, Northwest Wall
4715-STRT0001	Starter, Northwest Wall
4716-DXAC0001	Direct Expansion AC Unit, West Outside - Disconnect at unit
4716-DXAC0001	Direct Expansion AC Unit, West Outside - Disconnect at unit
4716-HWHD0001	Hot Water Heater - Domestic, Rm 104C/Rm E01 - Disconnect room E1
4716-HWP0001	Hot Water Pump, Rm 104C/Rm E01 - Disconnect at pump
4716-PNL0001	Panel Board, Rm 104C/Rm E01
4716-PNL0002	Panel Board, Rm 104C/Rm E01
4716-PNL0004	Panel Board, E-01
4716-RECT0004	Rectifier, E-01
4716-ROOF0001	Roof, Main, Bldg 4716
4716-ROOF0002	Roof, Bldg 4716
4716-ROOF0003	Roof, Bldg 4716
4716-ROOF0004	Roof, Bldg 4716
4716-ROOF0005	Roof, Bldg 4716
4716-SS0001	Safety Switch, Outside
4716-STRT0001	Starter, E-01
4716-STRT0002	Starter, E-01
4718-1-AH0006	Air Handling Unit, Rm 100 - Disconnect on unit
4718-1-AH0007	Air Handling Unit, Rm 200 - Disconnect on unit
4718-1-AH0013	Air Handling Unit, Rm 100 - Disconnect on unit
4718-1-CHLR0001	Water Chiller, Outside East
4718-1-CHWP0001	Chill Water Pump, Rm 104 - Disconnect at pump
4718-1-CHWP0002	Chill Water Pump, Rm 104 - Disconnect at pump
4718-1-COIL006A	Chilled Water Coil, AH0006, Rm 100
4718-1-COIL006B	Hot Water/Steam Coil, AH0006, Rm 100
4718-1-COIL007A	Chilled Water Coil, AH0007, Rm 200
4718-1-COIL007B	Hot Water/Steam Coil, AH0007, Rm 200
4718-1-COIL013A	Chilled Water Coil, AH0013, Rm 100
4718-1-COIL013B	Hot Water/Steam Coil, AH0013, Rm 100
4718-1-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4718-1-HST0001	1-Ton Electric Hoist, Rm 200 - Disconnect at Disconnect at WEST WALL
4718-1-HUM0001	Humidifier, Rm 100 - Disconnect at unit
4718-1-HUM0002	Humidifier, Rm 200 - Disconnect at unit
4718-1-HWHD0001	Hot Water Heater - Domestic, Rm 104 - Disconnect at heater
4718-1-ODT0001	Oxygen Detection System, Rm 104
4718-1-ODT0002	Oxygen Detection System, Rm 200
4718-1-PNL0001	Panel Board, Rm 104
4718-1-PNL0002	Panel Board, Rm 104
4718-1-PNL0003	Panel Board, Rm 104
4718-1-PNL0004	Panel Board, Rm 104
4718-1-PNL0005	Panel Board, Rm 104

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4718-1-PNL0006	Panel Board, Rm 104
4718-1-PNL0007	Panel Board, Rm 104
4718-1-ROOF0001	Roof, Main, Bldg 4718-1
4718-1-SHEW0001	Safety Shower & Eyewash, Eastend Outside
4718-1-SPR0001	Sprinkler Standpipe, E-1
4718-1-UH0001	Unit Heater Steam, E-1
4718-1-XFMR0001	Transformer, Rm 200
4718-1-XFMR0002	Transformer, Rm 104
4718-1-XFMR0003	Transformer, Rm 104
4718-1-XFMR0004	Transformer, Rm 104
4718-2-AH0002	Air Handling Unit, Rm 100/Rm E01 - Disconnect room E1
4718-2-COIL002A	Chilled Water Coil, AH0002, Rm 100/E-1
4718-2-COIL002B	Hot Water/Steam Coil, AH0002, Rm 100/E-1
4718-2-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4718-2-HUM0001	Humidifier, Rm E01 - Disconnect at unit
4718-2-ODT0001	Oxygen Detection System, Rm 200A
4718-2-ODT0002	Oxygen Detection System, Rm E01
4718-2-PNL0001	Panel Board, Rm 100
4718-2-PNL0002	Panel Board, Rm 100
4718-2-PNL0003	Panel Board, Rm 100
4718-2-ROOF0001	Roof, Main, Bldg 4718-2
4718-2-XFMR0001	Transformer, Rm 100
4718-2-XFMR0002	Transformer, Rm 100
4718-3-ATS0001	Auto Transfer Switch, Rm 100
4718-3-DOOR0001	Roll-Up Door, Outside South - Disconnect at door
4718-3-DXAC0001	Direct Expansion AC Unit, Rm 100A East Wall - Disconnect at unit
4718-3-GEN0001	Emergency Generator, Outside South
4718-3-ODT0001	Oxygen Detection System, Rm 100
4718-3-PNL0001	Panel Board, Rm 100
4718-3-PNL0002	Panel Board, Rm 100
4718-3-PNL0003	Panel Board, Rm 100
4718-3-PNL0004	Panel Board, Rm 100
4718-3-PNL0005	Panel Board, Rm 100
4718-3-ROOF0001	Roof, Main, Bldg 4718-3
4718-3-SPR0001	Sprinkler System, Rm 100A
4718-3-UH0001	Unit Heater Steam, E-1
4718-3-XFMR0001	Transformer, Rm 100
4718-3-XFMR0002	Transformer, Rm 100
4718-AH0001	Air Handling Unit, Rm 305, 3rd Floor - Disconnect on unit
4718-AH0002	Air Handling Unit, Rm 100 - Disconnect on unit
4718-AH0003	Air Handling Unit, Rm 100 - Disconnect on unit
4718-AH0004	Air Handling Unit, Rm 100 - Disconnect on unit
4718-AH0005	Air Handling Unit, Rm 206 - Disconnect on unit
4718-AH0006	Air Handling Unit, Rm 115 - Disconnect on unit
4718-AH0009	Air Handling Unit, Rm 214 - Disconnect on unit
4718-AH0011	Air Handling Unit, Rm 105 Overhead - Disconnect on unit
4718-AH0012	Air Handling Unit, Rm 105A, Overhead - Disconnect on unit
4718-ATS0001	Auto Transfer Switch, Rm 100
4718-ATS0002	Auto Transfer Switch, West Outside
4718-BATB0001	Battery Bank, Rm 204
4718-BFP0001	Back Flow Preventer - Hot Water, Rm 115/Rm E1
4718-BLR0001	Steam Boiler, Rm 115 - Disconnect at boiler
4718-CBP0001	Circuit Breaker Panel, Room 100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4718-CBP0002	Circuit Breaker Panel, Room 118
4718-CBP0003	Circuit Breaker Panel, Bldg. 4718-3
4718-CBP0004	Circuit Breaker Panel, Bldg. 4718-1
4718-CBX0001	Control Box, Room 115
4718-CBX0002	Control Box, Room 115
4718-CBX0003	Control Box, Clean Room
4718-CHLR0001	Water Chiller, Rm 115
4718-CHWP0001	Chill Water Pump, Rm 115 - Disconnect at pump
4718-CHWP0002	Chill Water Pump, Rm 115 - Disconnect at pump
4718-COIL001A	Chilled Water Coil, AH0001, Rm 305
4718-COIL001B	Hot Water/Steam Coil, AH0001, Rm 305
4718-COIL002A	Chilled Water Coil, AH0002, Rm 100
4718-COIL002B	Hot Water/Steam Coil, AH0002, Rm 100
4718-COIL003A	Chilled Water Coil, AH0003, Rm 100
4718-COIL003B	Hot Water/Steam Coil, AH0003, Rm 100
4718-COIL004A	Chilled Water Coil, AH0004, Rm 100
4718-COIL004B	Hot Water/Steam Coil, AH0004, Rm 100
4718-COIL005A	Chilled Water Coil, AH0005, Rm 206
4718-COIL005B	Hot Water/Steam Coil, AH0005, Rm 206
4718-COIL006A	Chilled Water Coil, AH0006, Rm 115
4718-COIL006B	Hot Water/Steam Coil, AH0006, Rm 115
4718-COIL009A	Chilled Water Coil, AH0009, Rm 214
4718-COIL009B	Hot Water/Steam Coil, AH0009, Rm 214
4718-COIL011A	Chilled Water Coil, AH0011, Rm 105
4718-COIL011B	Hot Water/Steam Coil, AH0011, Rm 105
4718-COIL012A	Chilled Water Coil, AH0012, Rm 105A
4718-COIL012B	Hot Water/Steam Coil, AH0012, Rm 105A
4718-CONT0001	Contactor, Room 118
4718-CONT0002	Contactor, Room 118
4718-CONT0003	Contactor, Room 100
4718-CRN0001	20 Ton Bridge Crane, Clean Rm, Rm 117 - Disconnect at SOUTH WALL
4718-CTWR0001	Cooling Tower, Outside East - Disconnect on East side
4718-CWP0001	Condenser Water Pump, East Outside - Disconnect at pump
4718-CWP0002	Condenser Water Pump, Outside East - Disconnect at pump
4718-DOOR0001	Roll-Up Door, East Side - Disconnect at door
4718-DOOR0002	Roll-Up Door, South Side - Disconnect at door
4718-DOOR0003	Roll-Up Door, West Side - Disconnect at door
4718-DOOR0004	Roll-Up Door, Clean Room 116, West Wall
4718-EAF0001	Exhaust Blower Fan, Rm 214 - Disconnect at fan motor
4718-EAF0002	Exhaust Blower Fan, Rm 305, 3rd Floor - Disconnect at fan motor
4718-EAF0003	Exhaust Air Fan, Rm. 115 (E-1) Se Corner Overhead
4718-ELEV0001	Hydraulic Elevator, Rm 118, 1st Floor - Disconnect at elevator
4718-EW0001	Safety Eyewash, Rm 118
4718-EW0002	Emergency Eyewash, Rm 105E S Wall
4718-FAS0001	Fire Alarm System, South Entrance
4718-FIRP0001	Fire Pump, Rm 115 - Disconnect at pump
4718-FWP0001	Feed Water Pump, Rm 115 - Disconnect at electrical panel
4718-FWP0002	Feed Water Pump, Rm 115 - Disconnect at electrical panel
4718-GEN0001	Emergency Generator, West Outside
4718-GEN0002	Emergency Generator, South Side
4718-HST0001	1-Ton Electric Hoist, Rm 206 - Disconnect at NORTH WALL
4718-HST0002	3 Ton Electric Hoist, Rm 117, Clean Room - Disconnect at NORTH WALL
4718-HST0003	1 1/2 Ton (Actual 3-Ton) Electric Hoist, Rm 117 - Disconnect at NORTH WALL

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4718-HST0004	1 1/2 Ton (Actual 3-Ton) Chain Hoist, Rm 117 -
4718-HTR0001	Gas Heater, Rm 115
4718-HUM0001	Humidifier Steam, Rm 305
4718-HWC0001	Hot Water Converter - Rm 115/E1
4718-HWHD0001	Hot Water Heater - Domestic, Rm 100 - Disconnect at heater
4718-HWHD0002	Hot Water Heater - Domestic, Rm 115 - Disconnect at heater
4718-HWP0001	Hot Water Pump, Rm 115 - Disconnect at pump
4718-HWP0002	Hot Water Pump, Rm 115 - Disconnect at pump
4718-HWP0003	Hot Water Pump, Rm 100 - Disconnect at pump
4718-LIFT0001	Lift Table, Air Lock - Disconnect on East wall
4718-ODT0001	Oxygen Detection System, Rm 100
4718-ODT0002	Oxygen Detection System, Rm 118
4718-ODT0003	Oxygen Detection System, Rm 118
4718-PNL0001	Panel Board, Rm 100
4718-PNL0002	Panel Board, Rm 118
4718-PNL0003	Panel Board, Rm 118
4718-PNL0004	Panel Board, Rm 200, South Wall
4718-PNL0005	Panel Board, Rm 100, West Wall
4718-PNL0006	Panel Board, Rm 118
4718-PNL0007	Panel Board, Rm 204
4718-PNL0008	Panel Board, Rm 214
4718-PNL0009	Panel Board, Rm 118
4718-PNL0010	Panel Board, Rm 118
4718-PNL0011	Panel Board, Rm 118
4718-PNL0012	Panel Board, Rm 204
4718-PNL0013	Panel Board, Rm 100, South Wall
4718-PNL0014	Panel Board, Rm 305
4718-PNL0015	Panel Board, Rm 100, South Wall
4718-PNL0016	Panel Board, Rm 100, South Wall
4718-PNL0017	Panel Board, Rm 214
4718-PNL0018	Panel Board, Rm 118
4718-PNL0019	Panel Board, Rm 305
4718-PNL0020	Panel Board, Rm 206
4718-PNL0021	Panel Board, Rm 204
4718-PNL0022	Panel Board, Rm 118
4718-PNL0023	Panel Board, Rm 118
4718-PNL0024	Panel Board, Outside West
4718-PNL0025	Panel Board, Rm 114
4718-PNL0026	Panel Board, Rm 114
4718-PNL0027	Panel Board, Rm 114
4718-PNL0028	Panel Board, Rm 100, South Wall
4718-PNL0029	Panel Board, Rm 114
4718-PNL0030	Panel Board, Rm 115
4718-PNL0031	Panel Board, Rm 107
4718-PNL0032	Panel Board, LN2 Loading Area, Outside West
4718-PNL0033	Panel Board, E Outside, At Rm 116
4718-RLY0001	Relay, Room 114
4718-RMON0001	Refrigerant Monitoring System, Room 115/E-1, 1 Sensor
4718-ROOF0001	Roof, Main, Bldg 4718
4718-ROOF0002	Roof, Bldg 4718
4718-ROOF0003	Roof, Bldg 4718
4718-ROOF0004	Roof, Bldg 4718
4718-ROOF0005	Roof, Bldg 4718

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4718-ROOF0006	Roof, Bldg 4718
4718-ROOF0007	Roof, Bldg 4718
4718-ROOF0008	Roof, Bldg 4718
4718-SAF0001	Supply Air Fan, Rm E-03, Rm 114 - Disconnect in room E3
4718-SAF0002	Supply Air Fan, Rm E-03, Rm 114 - Disconnect in room E3
4718-SAF0003	Supply Air Fan, Rm E-03, Rm 114 - Disconnect in room E3
4718-SAF0004	Supply Air Fan, Rm 114/Rm E03 - Disconnect in room E3
4718-SAF0005	Supply Air Fan, Rm E-03, Rm 114 - Disconnect in room E3
4718-SAF0006	Supply Air Fan, Rm E-03, Rm 114 - Disconnect in room E3
4718-SAF0007	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0008	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0009	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0010	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0011	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0012	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0013	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0014	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SAF0015	Supply Air Fan, Rm 206 - Disconnect at fan unit
4718-SHEW0001	Safety Shower & Eyewash, Westend Outside
4718-SPMP001A	Sewage Pump, Rm B403, Basement - Disconnect at pump
4718-SPMP001B	Sewage Pump, Rm B403, Basement - Disconnect at pump
4718-SPR0001	Sprinkler System, Rm 115
4718-SPR0002	Sprinkler System, Rm 115
4718-SS0001	Safety Switch, Room 206A
4718-SS0002	Safety Switch, Room 206A
4718-SS0003	Safety Switch, Room 206A
4718-SS0004	Safety Switch, Room 206A
4718-SS0005	Safety Switch, Room 206A
4718-SS0006	Safety Switch, Room 206A
4718-SS0007	Safety Switch, Room 206A
4718-SS0008	Safety Switch, Room 206A
4718-SS0009	Safety Switch, Room 206A
4718-SS0010	Safety Switch, Room 206A
4718-SS0011	Safety Switch, Room 206A
4718-SS0012	Safety Switch, Room 206A
4718-SS0013	Safety Switch, Room 118
4718-SS0014	Safety Switch, Room 118
4718-SS0015	Safety Switch, Room 118
4718-SS0016	Safety Switch, Room 100
4718-SS0017	Safety Switch, Room 100
4718-SS0018	Safety Switch, Room 100
4718-SS0019	Safety Switch, Room 100
4718-SS0020	Safety Switch, Room 100
4718-SS0021	Safety Switch, Room 100
4718-SS0022	Safety Switch, Room 100
4718-SS0023	Safety Switch, Room 214
4718-SS0024	Safety Switch, Room 214
4718-SS0025	Safety Switch, Room 305
4718-SS0026	Safety Switch, Room 305
4718-SS0027	Safety Switch, Room 116
4718-SS0028	Safety Switch, Room 116
4718-SS0029	Safety Switch, Room 116
4718-SS0030	Safety Switch, Room 116

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4718-SS0031	Safety Switch, Room 117
4718-SS0032	Safety Switch, Bldg. 4718-1
4718-SS0033	Safety Switch, Bldg 4718-1
4718-SS0034	Safety Switch, Bldg 4718-1
4718-SS0035	Safety Switch, Bldg.4718-1
4718-SS0036	Safety Switch, Bldg. 4718-1
4718-SS0037	Safety Switch, Bldg. 4718-1
4718-SS0038	Safety Switch, Bldg. 4718-1
4718-SS0039	Safety Switch, Bldg. 4718-1
4718-SS0040	Safety Switch, Bldg. 4718-1
4718-SS0041	Safety Switch, Room 115
4718-SS0042	Safety Switch, Room 115
4718-SS0043	Safety Switch, Room 115
4718-SS0044	Safety Switch, Room 115
4718-SS0045	Safety Switch, Room 115
4718-SS0046	Safety Switch, Room 115
4718-SS0047	Safety Switch, Room 115
4718-SS0048	Safety Switch, Room 115
4718-SS0049	Safety Switch, Room 114
4718-SS0050	Safety Switch, Ln2 Loading Area
4718-SS0051	Safety Switch, E. Outside, Cooling Twr.
4718-SS0052	Safety Switch, E. Outside, Cooling Twr.
4718-SS0053	Safety Switch, E. Outside, Cooling Twr.
4718-SS0054	Safety Switch, E. Outside, Cooling Twr.
4718-SS0055	Safety Switch, E. Outside, At Rm. 116
4718-SS0056	Safety Switch, E. Outside, Bldg. 4718-1
4718-SSS0001	Starter Safety Switch, Room 305
4718-SSS0002	Starter Safety Switch, Bldg. 4718-1
4718-SSS0003	Starter Safety Switch, Room 115
4718-SSS0004	Starter Safety Switch, Room 115
4718-SSS0005	Starter Safety Switch, W. Unloading Area
4718-SSS0006	Starter Safety Switch, W. Unloading Area
4718-SSS0007	Starter Safety Switch, W. Unloading Area
4718-SSS0008	Starter Safety Switch, W. Unloading Area
4718-SSS0009	Starter Safety Switch, Pipe Line, At 4774
4718-STRT0001	Starter, Room 206A
4718-STRT0002	Starter, Room 206A
4718-STRT0003	Starter, Room 206A
4718-STRT0004	Starter, Room 206A
4718-STRT0005	Starter, Room 206A
4718-STRT0006	Starter, Room 206A
4718-STRT0007	Starter, Room 206A
4718-STRT0008	Starter, Room 206A
4718-STRT0009	Starter, Room 206A
4718-STRT0010	Starter, Room 206A
4718-STRT0011	Starter, Room 100
4718-STRT0012	Starter, Room 100
4718-STRT0013	Starter, Room 100
4718-STRT0014	Starter, Room 100
4718-STRT0015	Starter, Room 214
4718-STRT0016	Starter, Room 214
4718-STRT0017	Starter, Room 305
4718-STRT0018	Starter, Room 305

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4718-STRT0019	Starter, Room 305
4718-STRT0020	Starter, Bldg. 4718-1
4718-STRT0021	Starter, Bldg. 4718-1
4718-STRT0022	Starter, Bldg. 4718-1
4718-STRT0023	Starter, Bldg. 4718-1
4718-STRT0024	Starter, Room 115
4718-STRT0025	Starter, Room 115
4718-STRT0026	Starter, Room 115
4718-STRT0027	Starter, Room 115
4718-STRT0028	Starter, Room 115
4718-STRT0029	Starter, Room 115
4718-STRT0030	Starter, Room 115
4718-STRT0031	Starter, Room 115
4718-STRT0032	Starter, Room 115
4718-STRT0033	Starter, Room 114
4718-STRT0034	Starter, Room 114
4718-STRT0035	Starter, Room 114
4718-STRT0036	Starter, Room 114
4718-STRT0037	Starter, Room 114
4718-STRT0038	Starter, Room 114
4718-STRT0039	Starter, Room 114
4718-STRT0040	Starter, W. Unloading Area
4718-SWBD0001	Switch Board, Rm 118
4718-SWBD0002	Switch Board, Rm 114
4718-SWGR0001	Switch Gear, Outside West
4718-TANK0001	Diesel Storage Tank
4718-UH0001	Unit Heater Steam, E-1
4718-UH0002	Unit Heater Steam, E-2
4718-UH0003	Unit Heater Steam, E-2
4718-UH0004	Unit Heater Steam, E-3
4718-UH0005	Unit Heater Steam, Rm 214
4718-UH0006	Unit Heater Steam, Rm 305
4718-UPS0001	UPS Power System, Rm 204
4718-VSC0001	Variable Speed Controller, E3/114 Assoc w/ HWS
4718-WSFT0001	Water Softener
4718-XFMR0001	Transformer, Rm 107
4718-XFMR0002	Transformer, Rm 114
4718-XFMR0003	Transformer, Rm 100, South Wall
4718-XFMR0004	Transformer, Rm 305
4718-XFMR0005	Transformer, Rm 214
4718-XFMR0006	Transformer, Rm 200, West Wall
4718-XFMR0007	Transformer, Rm 206
4718-XFMR0008	Transformer, Rm 118
4718-XFMR0009	Transformer, Room 100
4718-XFMR0010	Transformer, Room 118
4718-XFMR0011	Transformer, E. Outside, At Rm. 116
4720-COLR0001	Direct Expansion AC Unit - Disconnect at unit
4720-COLR0001	Direct Expansion AC Unit - Disconnect at unit
4720-DOOR0001	Sliding Door, West End
4720-DOOR0002	Sliding Door, West End
4720-FRZR0001	Direct Expansion AC Unit - Disconnect at unit
4720-FRZR0001	Direct Expansion AC Unit - Disconnect at unit
4720-PNL0001	Panel Board, Outside North

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4720-ROOF0001	Roof, Main, Bldg 4720
4720-SS0001	Safety Switch, Outside, North
4720-SS0002	Safety Switch, Outside, East
4723-ACMP0001	Air Compressor Control, Rm 125/Rm E01 West Side North End - Disconnect north wall
4723-ACMP0002	Air Compressor Control, Rm E04 East Side - Disconnect east wall
4723-ACMP0003	Air Compressor Sprinkler, Rm E04 East Side - Disconnect in room E4
4723-AH0001	Air Handling Unit, Rm 127/E3, N Unit - Disconnect Outside
4723-AH0002	Air Handling Unit, Rm 127/E3, S Unit - Disconnect Outside
4723-AH0003	Air Handling Unit, Rm 126/E2 - Disconnect Outside
4723-AH0004	Air Handling Unit, Rm 125/E1 - Disconnect Outside
4723-COIL001A	Chilled Water Coil, AH0001, Rm 127/E-3
4723-COIL001B	Hot Water/Steam Coil, AH0001, Rm 127/E-3
4723-COIL002A	Chilled Water Coil, AH0002, Rm 127/E-3
4723-COIL002B	Hot Water/Steam Coil, AH0002, Rm 127/E-3
4723-COIL003A	Chilled Water Coil, AH0003, Rm 126/E-2
4723-COIL003B	Hot Water/Steam Coil, AH0003, Rm 126/E-2
4723-COIL004A	Chilled Water Coil, AH0004, Rm 125/E-1
4723-COIL004B	Hot Water/Steam Coil, AH0004, Rm 125/E-1
4723-EAF0001	Exhaust Blower Fan, Over Rm 110 - Disconnect at fan motor
4723-FAS0001	Fire Alarm System, East Entrance of Bldg 4723
4723-FID0001	Field Interface Device, Rm 117
4723-HWP001A	Hot Water Pump, Rm 125/Rm E01 West Side, North End - Disconnect room E1
4723-HWP001B	Hot Water Pump, Rm 125/Rm E01 West Side, North End - Disconnect room E1
4723-LTS0001	Emergency Lighting - Hallway S. Side
4723-LTS0002	Emergency Lighting - E. Hallway E. Side by rm 117
4723-LTS0003	Emergency Lighting - S. Hallway by rm 108
4723-LTS0005	Emergency Lighting - Hall N. Side by rm 120
4723-PNL0001	Panel Board, Rm 117
4723-PNL0002	Panel Board, Rm 117
4723-PNL0003	Panel Board, Rm 106
4723-PNL0004	Panel Board, Rm 104
4723-PNL0005	Panel Board, Main Corridor
4723-PNL0006	Panel Board, Main Corridor
4723-PNL0007	Panel Board, Main Corridor
4723-PNL0008	Panel Board, Rm 117
4723-PNL0009	Panel Board, Rm 102
4723-PNL0010	Panel Board, Rm 104
4723-ROOF0001	Roof, Main, Bldg 4723
4723-ROOF0002	Roof, Bldg 4723
4723-ROOF0003	Roof, Bldg 4723
4723-ROOF0004	Roof, Bldg 4723
4723-ROOF0005	Roof, Bldg 4723
4723-ROOF0006	Roof, Bldg 4723
4723-ROOF0007	Roof, Bldg 4723
4723-SPR0001	Sprinkler System, East Side
4723-SS0001	Safety Switch, Room E-04
4723-SS0002	Safety Switch, Room E-03
4723-SS0003	Safety Switch, Room E-03
4723-SS0004	Safety Switch, Room E-03
4723-SS0005	Safety Switch, Room E-02
4723-SS0006	Safety Switch, Room 104
4723-SS0007	Safety Switch, Room 104
4723-SS0008	Safety Switch, Room 104

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4723-SS0009	Safety Switch, Room 109
4723-SS0010	Safety Switch, East Front Foyer
4723-SS0011	Safety Switch, Room E-03
4723-SS0012	Safety Switch, Room E-01
4723-SS0013	Safety Switch, Room E-01
4723-SS0014	Safety Switch, Outside, West
4723-SS0015	Safety Switch, West Steam Station
4723-SS0016	Safety Switch, Room 112
4723-SS0017	Safety Switch, Room 102
4723-STRT0001	Starter, Room 104
4723-STRT0002	Starter, Room E-01
4723-STRT0003	Starter, Room E-01
4723-STRT0004	Starter, Room E-01
4723-STRT0005	Starter, Room E-01
4723-STRT0006	Starter, Room 112
4723-TMR0001	Timer, Room 117, West
4727-AH0001	Air Handling Unit, Rm 103/Rm E1 - Disconnect room E1
4727-AH0002	Air Handling Unit, Rm 103/Rm E1 - Disconnect room E1
4727-AH0003	Air Handling Unit, Rm 116/E-2 - Disconnect on unit
4727-AH0004	Air Handling Unit, Rm 116/E-2 - Disconnect on unit
4727-AH0005	Air Handling Unit, Room 114
4727-COIL001A	Chilled Water Coil, AH0001, Rm 103/E-1
4727-COIL001B	Hot Water/Steam Coil, AH0001, Rm 103/E-1
4727-COIL002A	Chilled Water Coil, AH0002, Rm 103/E-1
4727-COIL002B	Hot Water/Steam Coil, AH0002, Rm 103/E-1
4727-COIL003A	Chilled Water Coil, AH0003, Rm 116/E-2
4727-COIL003B	Hot Water/Steam Coil, AH0003, Rm 116/E-2
4727-COIL004A	Chilled Water Coil, AH0004, Rm 116/E-2
4727-COIL004B	Hot Water/Steam Coil, AH0004, Rm 116/E-2
4727-COIL005A	Chilled Water Coil, AH0005, Rm 114
4727-COIL005B	Hot Water/Steam Coil, AH0005, Rm 114
4727-FAS0001	Fire Alarm System, East Entrance
4727-HWHD0001	Hot Water Heater - Domestic, Rm 103 - Disconnect at heater
4727-HWHD0002	Hot Water Heater - Domestic, Rm 103 - Disconnect at heater
4727-LTS0001	Emergency Lighting - Rm 112 W. Wall
4727-LTS0002	Emergency Lighting - Rm 112 - W. Wall
4727-LTS0003	Emergency Lighting - Rm 115 - S. Wall
4727-LTS0004	Emergency Lighting - Rm 113 - N. Wall
4727-LTS0005	Emergency Lighting - Hall near Rm 108
4727-LTS0006	Emergency Lighting - Rm 108 S wall
4727-LTS0007	Emergency Lighting - Rm 102 N Entrance
4727-LTS0008	Emergency Lighting - Rm 102 By 102A
4727-LTS0009	Emergency Lighting - Rm 105
4727-PNL0001	Panel Board, Rm 102B
4727-PNL0002	Panel Board, Rm 115
4727-PNL0003	Panel Board, Rm 115
4727-PNL0004	Panel Board, Rm 116
4727-PNL0005	Panel Board, Rm 108A
4727-PNL0006	Panel Board, Rm 108
4727-PNL0007	Panel Board, Rm 108
4727-PNL0008	Panel Board, Rm 108
4727-PNL0009	Panel Board, Rm 116
4727-PNL0010	Panel Board, Rm 116

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4727-PNL0011	Panel Board, Rm 115A
4727-ROOF0001	Roof, Main, Bldg 4727
4727-ROOF0002	Roof, Bldg 4727
4727-ROOF0003	Roof, Bldg 4727
4727-ROOF0004	Roof, Bldg 4727
4727-ROOF0005	Roof, Bldg 4727
4727-SS0001	Safety Switch, E-01
4727-SS0002	Safety Switch, E-02
4727-SS0003	Safety Switch, 102B
4727-SS0004	Safety Switch, E-01
4727-SS0005	Safety Switch, E-01
4727-SS0006	Safety Switch, E-01
4727-SS0007	Safety Switch, E-01
4727-SS0008	Safety Switch, 115
4727-SSS0001	Starter Safety Switch, E-01
4727-SSS0002	Starter Safety Switch, E-02
4727-SSS0004	Starter Safety Switch, E-02
4727-SWBD0001	Switch Board, Rm 115
4727-XFMR0001	Transformer, Rm 102B
4727-XFMR0002	Transformer, E-01
4728-ACMP0001	Air Compressor Control, Rm 112/Rm E02 - Disconnect room E2
4728-ACMP0002	Air Compressor Control, SE Corner, High Bay, Rm 110 - Disconnect at compressor
4728-ACMP0003	Air Compressor Sprinkler, NE Side, High Bay, Rm 110 - Disconnect at compressor
4728-ADRY0001	Air Dryer, Rm 110 - Disconnect at dryer
4728-AH0001	Air Handling Unit, Rm 113/Rm E01 West Side Outside - Disconnect in room E1 West sid
4728-AH0004	Air Handling Unit, High Bay South End, Rm 110 - Disconnect on unit
4728-AH0005	Air Handling Unit, High Bay, East Side, Rm 110 - Disconnect on unit
4728-AH0006	Air Handling Unit, High Bay, West Side, Rm 110 - Disconnect on unit
4728-COIL001A	Chilled Water Coil, AH0001, Rm 113/E-1
4728-COIL001B	Hot Water/Steam Coil, AH0001, Rm 113/E-1
4728-COIL004A	Chilled Water Coil, AH0004, Rm 110, S End
4728-COIL004B	Hot Water/Steam Coil, AH0004, Rm 110, S End
4728-COIL005A	Chilled Water Coil, AH0005, Rm 110, E Side
4728-COIL005B	Hot Water/Steam Coil, AH0005, Rm 110, E Side
4728-COIL006A	Chilled Water Coil, AH0006, Rm 110, W Side
4728-COIL006B	Hot Water/Steam Coil, AH0006, Rm 110, W Side
4728-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4728-DOOR0002	Roll-Up Door, West End - Disconnect at door
4728-FAS0001	Fire Alarm System, North Entrance
4728-FID0001	Field Interface Device, Rm 101
4728-HWHD0001	HW Heater Domestic, Rm 104 - Disconnect at heater
4728-ICE0001	Ice Machine, Breakroom, Rm 101 - Disconnect at machine
4728-LTS0001	Emergency Lighting - Rm 111 By 110
4728-LTS0002	Emergency Lighting - Rm 110 in Cage N. Wall
4728-LTS0003	Emergency Lighting - Rm 100 East wall
4728-LTS0004	Emergency Lighting - Rm 109A East wall
4728-LTS0005	Emergency Lighting - Hallway outside Rm 109
4728-LTS0006	Emergency Lighting - Rm 105 Women's Restroom
4728-LTS0007	Emergency Lighting - Rm 106 Men's Restroom
4728-LTS0008	Emergency Lighting - Rm 110 North Wall East Side
4728-LTS0009	Emergency Lighting - Rm 110 West Wall
4728-LTS0010	Emergency Lighting - Rm 110 East Wall
4728-LTS0011	Emergency Lighting - Rm 111 North Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4728-PNL0001	Panel Board, Rm 110 East Wall
4728-PNL0002	Panel Board, Rm 113/Rm E01 West Side Outside
4728-PNL0003	Panel Board, Rm 110 East Wall
4728-PNL0004	Panel Board, Rm 110
4728-PNL0005	Panel Board, Rm 107
4728-PNL0006	Panel Board, Rm 107
4728-PNL0007	Panel Board, Rm 110 East Wall
4728-PNL0008	Panel Board, Rm 110 East Wall
4728-PNL0009	Panel Board, Rm 110 East Wall
4728-PNL0010	Panel Board, Rm 110
4728-ROOF0001	Roof, Main, Bldg 4728
4728-SPR0001	Sprinkler System, East Side Outside
4728-SS0001	Safety Switch, 104
4728-SS0002	Safety Switch, 111, East Wall
4728-SS0003	Safety Switch, 110, East Wall
4728-SS0004	Safety Switch, 111, East Wall
4728-SS0005	Safety Switch, 111, East Wall
4728-SS0006	Safety Switch, 110, East Wall
4728-SS0007	Safety Switch, 111, East Wall
4728-SS0008	Safety Switch, 110, East Wall
4728-SS0009	Safety Switch, 110, South Wall
4728-SS0011	Safety Switch, 110, South Wall
4728-SS0012	Safety Switch, Sw Corner
4728-SS0013	Safety Switch, West, Outside
4728-SS0014	Safety Switch, West, Outside
4728-SS0015	Safety Switch, 111, South Wall
4728-SS0016	Safety Switch, 111, East Wall
4728-SS0017	Safety Switch, Southwest Outside
4728-SSS0002	Starter Safety Switch, E-01
4728-STRT0001	Starter, 111, East Wall
4728-STRT0004	Starter, E-02
4728-STRT0005	Starter, 111, East Wall
4728-STRT0006	Starter, 111, East Wall
4728-STRT0007	Starter, 111, East Wall
4728-XFMR0001	Transformer, Rm 110
4731-CBP0001	Circuit Breaker Panel, Outside, South
4731-DOOR0001	Sliding Door, South Side
4731-DOOR0002	Sliding Door, Manual, Rm 104
4731-DOOR0007	Roll-Up Door, West Side - Disconnect at door
4731-DXAC0001	Direct Expansion Unit, South Side - Disconnect at unit
4731-DXAC0001	Direct Expansion Unit, South Side - Disconnect at unit
4731-FAS0001	Fire Alarm System, Rm 102
4731-PNL0001	Panel Board, Rm 102
4731-ROOF0001	Roof, Main, Bldg 4731
4731-SHEW0001	Safety Shower/Eyewash Station, Rm 100
4731-SHEW0002	Safety Shower/Eyewash Station, Rm 100
4731-SHEW0003	Safety Shower/Eyewash Station, Rm 105
4731-SPR0001	Sprinkler System, South Side
4731-SS0001	Safety Switch, Room 100, N. Wall
4731-SS0002	Safety Switch, Room 100, N. Wall
4731-SS0003	Safety Switch, Room 100, N. Wall
4731-SS0004	Safety Switch, Room 101, W. Wall
4731-SS0005	Safety Switch, Room 101, W. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4731-STRT0001	Starter, Room 100, S. Wall
4731-STRT0002	Starter, Room 101, S. Wall
4732-AH0001	Air Handling Unit, Rm 136 - Disconnect on unit
4732-AH0002	Air Handling Unit, Rm 132 - Disconnect on unit
4732-AH0003	Air Handling Unit, Ceiling Over Rm 134 - Disconnect on unit
4732-AH0004	Air Handling Unit, Rm 150 Overhead - Disconnect on unit
4732-AH0005	Air Handling Unit, Rm 128 Overhead
4732-AH0006	Air Handling Unit, Rm 126 - Disconnect on unit
4732-AH0007	Air Handling Unit, Rm 200 - Disconnect on unit
4732-AH0008	Air Handling Unit, Rm 226 - Disconnect on unit
4732-AH0008	Air Handling Unit, Rm 226 - Disconnect on unit
4732-CBP0001	Circuit Breaker Panel, Room 128
4732-CBP0002	Circuit Breaker Panel, Room 214
4732-CBP0003	Circuit Breaker Panel, Room 129
4732-CBS0001	Circuit Breaker Starter, Room 150
4732-CBS0002	Circuit Breaker Starter, Room 132
4732-CBS0003	Circuit Breaker Starter, Room 132
4732-CBS0004	Circuit Breaker Starter, Room 136
4732-CBS0005	Circuit Breaker Starter, Room 128
4732-COIL001A	Chilled Water Coil, AH0001, Rm 136
4732-COIL001B	Hot Water/Steam Coil, AH0001, Rm 136
4732-COIL002A	Chilled Water Coil, AH0002, Rm 132
4732-COIL002B	Hot Water/Steam Coil, AH0002, Rm 132
4732-COIL003A	Chilled Water Coil, AH0003, Rm 134
4732-COIL003B	Hot Water/Steam Coil, AH0003, Rm 134
4732-COIL004A	Chilled Water Coil, AH0004, Rm 150
4732-COIL004B	Hot Water/Steam Coil, AH0004, Rm 150
4732-COIL005A	Chilled Water Coil, AH0005, Rm 128
4732-COIL005B	Hot Water/Steam Coil, AH0005, Rm 128
4732-COIL006A	Chilled Water Coil, AH0006, Rm 126
4732-COIL006B	Hot Water/Steam Coil, AH0006, Rm 126
4732-COIL007A	Chilled Water Coil, AH0007, Rm 200
4732-COIL007B	Hot Water/Steam Coil, AH0007, Rm 200
4732-COIL008A	Chilled Water Coil, AH0008, Rm 226
4732-COIL008B	Hot Water/Steam Coil, AH0008, Rm 226
4732-CONT0001	Contactor, South Outside
4732-CRN0001	10 Ton Bridge Crane, Rm 131 - Disconnect at NORTH WALL
4732-CRU0001	Computer Room Unit, Rm 131 - Disconnect at unit
4732-CRU0002	Computer Room Unit, Rm 129
4732-DOOR0001	Roll-Up Door, North Side - Disconnect at door
4732-DOOR0003	Electric Personnel Door, East Side - Disconnect in panel
4732-DOOR0004	Electric Personnel Swing Door, South Entrance
4732-DOOR0005	Electric Personnel Door, South Entrance
4732-FAS0001	Fire Alarm System, East Entrance
4732-HST0001	Chain Hoist 1 Ton, Rm 128
4732-HST0002	Air Hoist 1 Ton, Rm 128
4732-HST0003	3 Ton Chain Hoist, Rm 128
4732-HUM0001	Humidifier, Rm 136 - Disconnect at unit
4732-HUM0002	Humidifier, Rm 132 - Disconnect at unit
4732-HUM0003	Humidifier, Rm 135 - Disconnect at unit
4732-HUM0004	Humidifier, Rm 150 - Disconnect at unit
4732-HUM0005	Humidifier, Rm 128 - Disconnect at unit
4732-HWHD0001	Domestic Water Heater, Rm 122

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4732-HWHD0002	Domestic Water Heater, Rm 131
4732-LTS0001	Emergency Lighting , Fluor, East Entr, Foyer
4732-LTS0002	Emergency Lighting , Fluor, Hall, East Entr
4732-LTS0003	Emergency Lighting , Fluor, Hall , Near Rm 127
4732-LTS0004	Emergency Lighting , Fluor, Hall Near Rm 108
4732-LTS0005	Emergency Lighting , Fluor, West Exit, Foyer
4732-LTS0006	Emergency Lighting , Fluor, Hall , Near Rm 120
4732-LTS0007	Emergency Lighting , Fluor, Hall, Near Rm 116
4732-LTS0008	Emergency Lighting , Fluor, North Exit
4732-LTS0009	Emergency Lighting , Fluor, Stairs, Bottom, N. Exit
4732-LTS0010	Emergency Lighting , Fluor, Hall, Near Rm 105
4732-LTS0011	Emergency Lighting , Fluor, Hall, Near Rm 129
4732-LTS0012	Emergency Lighting , Fluor, Hall, Near Rm 120 - REMOVED, DUPLICATE OF LTS0006
4732-LTS0013	Emergency Lighting , Fluor, S. Exit, Near Rm 100
4732-LTS0014	Emergency Lighting , Fluor, Hall, Near Rm 158
4732-LTS0015	Emergency Lighting , Fluor, Hall, Near Rm 152
4732-LTS0016	Emergency Lighting , Fluor, Rm 150
4732-LTS0017	Emergency Lighting , Fluor, Rm 167 , North
4732-LTS0018	Emergency Lighting , Fluor, Near Rm 164
4732-LTS0019	Emergency Lighting , Fluor, South Exit
4732-LTS0020	Emergency Lighting , Fluor, Stairs Up, South Exit
4732-LTS0021	Emergency Lighting , Fluor, Stairs Top, Near Rm 226
4732-LTS0022	Emergency Lighting , Fluor, Hall, Near Rm 223
4732-LTS0023	Emergency Lighting , Fluor, Hall, Near Rm 219
4732-LTS0024	Emergency Lighting , Fluor, Hall, Near Rm 216
4732-LTS0025	Emergency Lighting , Fluor, Rm 216
4732-LTS0026	Emergency Lighting , Fluor, Stairs, Top, Near Rm 216
4732-LTS0027	Emergency Lighting , Fluor, Stairs, Lndg.Down Fr Rm 216
4732-LTS0028	Emergency Lighting , Fluor, Stairs, Near Rm 158
4732-LTS0029	Emergency Lighting , Fluor, West Stairs, Top
4732-LTS0030	Emergency Lighting , Fluor, Hall, Near Rm 201
4732-LTS0031	Emergency Lighting , Fluor, Hall, Near Rm 207
4732-LTS0032	Emergency Lighting , Fluor, Hall, Near Rm 204
4732-LTS0033	Emergency Lighting , Fluor, Hall, Near Rm 211
4732-LTS0034	Emergency Lighting , Fluor, Hall, Near Rm 215
4732-LTS0035	Emergency Lighting , Fluor, Stairs, Near Rm 215
4732-LTS0036	Emergency Lighting , Rm 209 Women's Restroom
4732-MID0001	Microscan Interface Device, Rm 135
4732-PNL0001	Panel Board, Hall, Near Rm 120
4732-PNL0002	Panel Board, Hall, Near Rm 210
4732-PNL0003	Panel Board, Rm 214
4732-PNL0004	Panel Board, Rm 150
4732-PNL0005	Panel Board, Rm 150
4732-PNL0006	Panel Board, Rm 150
4732-PNL0007	Panel Board, Rm 150
4732-PNL0008	Panel Board, Rm 150
4732-PNL0009	Panel Board, Rm 150
4732-PNL0010	Panel Board, Rm 225
4732-PNL0011	Panel Board, Rm 225
4732-PNL0012	Panel Board, Rm 225
4732-PNL0013	Panel Board, Rm 131
4732-PNL0014	Panel Board, Rm 131
4732-PNL0015	Panel Board, Rm 131

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4732-PNL0016	Panel Board, Rm 136
4732-PNL0017	Panel Board, Rm 132
4732-PNL0018	Panel Board, Rm 126A
4732-PNL0019	Panel Board, Rm 126A
4732-PNL0020	Panel Board, Rm 126A
4732-PNL0021	Panel Board, Rm 129
4732-PNL0022	Panel Board, Rm 160
4732-ROOF0001	Roof, Main, Bldg 4732
4732-ROOF0002	Roof, Bldg 4732
4732-ROOF0003	Roof, Bldg 4732
4732-ROOF0004	Roof, Bldg 4732
4732-ROOF0005	Roof, Bldg 4732
4732-ROOF0006	Roof, Bldg 4732
4732-SPR0001	Sprinkler System, Rm 161
4732-SS0001	Safety Switch, Room 150
4732-SS0002	Safety Switch, Room 150
4732-SS0003	Safety Switch, Room 150
4732-SS0004	Safety Switch, Room 226
4732-SS0005	Safety Switch, Room 132
4732-SS0006	Safety Switch, Room 132
4732-SS0007	Safety Switch, Room 136
4732-SS0008	Safety Switch, Room 131
4732-SS0009	Safety Switch, Room 131
4732-SS0010	Safety Switch, Room 131
4732-SS0011	Safety Switch, Room 131
4732-SS0012	Safety Switch, Room 131
4732-SS0013	Safety Switch, Room 131
4732-SS0014	Safety Switch, Room 131
4732-SS0015	Safety Switch, Room 131
4732-SS0016	Safety Switch, Room 131
4732-SS0017	Safety Switch, Room 131
4732-SS0018	Safety Switch, Room 131
4732-SS0019	Safety Switch, Room 131
4732-SS0020	Safety Switch, Room 131
4732-SS0021	Safety Switch, Room 131
4732-SS0022	Safety Switch, Room 131
4732-SS0023	Safety Switch, Room 131
4732-SS0024	Safety Switch, Room 130
4732-SS0025	Safety Switch, Room 128
4732-SS0026	Safety Switch, Room 128
4732-SS0027	Safety Switch, Room 128
4732-SS0028	Safety Switch, Room 128
4732-SS0029	Safety Switch, Room 128
4732-SS0030	Safety Switch, Room 128
4732-SS0031	Safety Switch, Room 128
4732-SS0032	Safety Switch, Room 214
4732-SS0033	Safety Switch, Room 214
4732-SS0034	Safety Switch, South Outside
4732-SS0035	Safety Switch, South Outside
4732-SS0036	Safety Switch, South Outside
4732-SS0037	Safety Switch, South Outside
4732-SS0038	Safety Switch, South Outside
4732-SS0039	Safety Switch, South Outside

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4732-SS0040	Safety Switch, Room 129
4732-SS0041	Safety Switch, Room 129
4732-SS0042	Safety Switch, Room 129
4732-STRT0001	Starter, Room 226
4732-STRT0002	Starter, Room 131
4732-STRT0003	Starter, Room 136
4732-STRT0004	Starter, Room 136
4732-STRT0005	Starter, Room 136
4732-STRT0006	Starter, South Outside
4732-STRT0007	Starter, South Outside
4732-UPS0001	UPS Power System, Rm 129 - OUT OF SERVICE,
4732-VSC0001	Variable Speed Control, Rm 126 Assoc w/ AH6
4732-VSC0002	Variable Speed Control, Rm 126 Assoc w/ AH6 SAF
4732-VSC0003	Variable Speed Control, Rm 200 Assoc w/ AH7
4732-XFMR0001	Transformer, Rm B150
4732-XFMR0002	Transformer, Rm B150
4732-XFMR0003	Transformer, Rm 150
4732-XFMR0004	Transformer, Rm 225
4732-XFMR0005	Transformer, Rm 131
4732-XFMR0006	Transformer, Rm 131
4733-AH0001	Air Handling Unit, Rm 102 Overhead - Disconnect on unit
4733-CBX0001	Control Box, Room 101, S. Wall
4733-CBX0002	Control Box, Room 101, W. Wall
4733-CBX0003	Control Box, Room 101, E. Wall
4733-CBX0004	Control Box, Room 101, W. Wall
4733-COIL001A	Chilled Water Coil, AH0001, Rm 102
4733-COIL001B	Hot Water/Steam Coil, AH0001, Rm 102
4733-DOOR0001	Roll-Up Door, South Side, Rm 101 - Disconnect at door
4733-DOOR0002	Sliding Door, Rm 101, West Side
4733-HTR0001	Unit Heater, Steam, Rm 103
4733-HTR0002	Unit Heater, Steam, Rm 103
4733-HTR0003	Unit Heater, Steam, Rm 103
4733-HWHD0001	Hot Water Heater - Domestic, Shop - Disconnect at heater
4733-LTS0001	Emergency Lighting - High Bay W., Rm 101
4733-LTS0002	Emergency Lighting - High Bay E., Rm 101
4733-MCC0001	Motor Control Center, Rm 101, East Wall
4733-PNL0001	Panel Board, Rm 101, South Wall
4733-PNL0002	Panel Board, Rm 101, South Wall
4733-ROOF0001	Roof, Main, Bldg 4733
4733-SHEW0001	Safety Shower & Eyewash, Rm 101, SW, REMOVED 6/3/05
4733-SS0001	Safety Switch, Vacuum Chamber
4733-SS0002	Safety Switch, Vacuum Chamber
4733-STRT0001	Starter, Room 101, S. Wall
4733-STRT0002	Starter, Room 101, S. Wall
4733-STRT0003	Starter, Vacuum Chamber
4733-XFMR0001	Transformer, Rm 101, South Wall
4734-CRN0001	5 Ton Bridge Crane, Rm 100, Vacuum Facility
4734-DOOR0001	Rollup Door, Electric, Rm 100, West Side
4734-HTR0001	Unit Heater, Electric, N. Wall
4734-HTR0002	Unit Heater, Electric, N. Wall
4734-HTR0003	Unit Heater, Electric, N. Wall
4734-LC0001	Lighting Contactor, Equipment Rm.
4734-LTS0001	Emergency Lighting , Dry Cell, Rm 101/E01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4734-LTS0002	Emer Lighting , Dry Cell, Rm 100, Over Rm 101/E01
4734-LTS0003	Emer Lighting , Dry Cell, Rm 100, NW
4734-MCC0001	Motor control Center, Rm 101/E01
4734-MCC0002	Motor control Center, Rm 101/E01
4734-MCC0003	Motor control Center, Rm 101/E01
4734-PNL0001	Panel Board, Rm 101/E01
4734-PNL0002	Panel Board, Rm 101/E01
4734-ROOF0001	Roof, Main, Bldg 4734
4734-SS0001	Safety Switch, North Wall
4734-SS0002	Safety Switch, North Wall
4734-SS0003	Safety Switch, North Wall
4734-SS0004	Safety Switch, North Wall
4734-SS0005	Safety Switch, West Wall
4734-SS0006	Safety Switch, West Wall
4734-SS0007	Safety Switch, West Wall
4734-SS0008	Safety Switch, Equipment Rm.
4734-SS0009	Safety Switch, North Wall
4734-SWB0001	Switch Board, Equipment Rm.
4734-SWBD0001	Switchboard Rm 101/E01
4734-XFMR0001	Transformer, Rm 101/E01
4735-ACMP0001	Air Compressor Control, Rm 100 - Disconnect at compressor
4735-ADRY0001	Air Dryer, Rm 100 - Disconnect at dryer
4735-BFP0001	Back Flow Preventer - Hot Water, Rm 100
4735-CHLR0001	Water Chiller, Rm 100
4735-CHWP0001	Chill Water Pump, Rm 100 - Disconnect at pump
4735-CHWP0002	Chill Water Pump, Rm 100 - Disconnect at pump
4735-CONT0001	Contactor, East Wall
4735-DOOR0001	Sliding Door, East Side, Rm 100
4735-FID0001	Field Interface Device, South Wall, Rm 100
4735-HWP0001	Hot Water Pump, Rm 100 - Disconnect at pump
4735-HWP0002	Hot Water Pump, Rm 100 - Disconnect at pump
4735-PNL0001	Panel Board, East Wall, Rm 100
4735-PNL0002	Panel Board, East Wall, Rm 100
4735-ROOF0001	Roof, Main, Bldg 4735
4735-SS0001	Safety Switch, North Wall
4735-SS0002	Safety Switch, North Wall
4735-STRT0001	Starter, East Wall
4735-STRT0002	Starter, East Wall
4735-STRT0003	Starter, North Wall
4735-STRT0004	Starter, North Wall
4735-UH0001	Unit Heater, Steam, Rm 100
4735-VSC0001	Variable Speed Control, Rm 100 Assoc w/ Chwp
4735-VSC0001	Variable Speed Control, Rm 100 Assoc w/ Chwp
4735-XFMR0001	Transformer, East Wall, Rm 100
4737-RLY0001	Relay, Rm 100
4737-SS0001	Safety Switch, Room 100
4737-SS0002	Safety Switch, Room 100
4737-UH0001	Unit Heater, Electric, Rm 100 N Wall
4738-CBP0001	Circuit Breaker Panel, Room 100, N. Wall
4738-DOOR0001	Roll-Up Door, East Side, Rm 101 - Disconnect at door
4738-DOOR0002	Roll-Up Door, West Side, Rm 101 - Disconnect at door
4738-DOOR0003	Sliding Door, South Side, Rm 100
4738-EAF0001	Exhaust Blower Fan, High Bay, Ceiling, Rm 101 - Disconnect at fan motor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4738-HST0001	5-Ton Monorail Hoist, Rm 100 - Disconnect at NORTH WALL
4738-HTR0001	Unit Heater, Steam, Rm 100
4738-HTR0002	Unit Heater, Steam, Rm 100
4738-LTS0001	Emergency Lighting - Machine Shop W. Wall, Rm 100
4738-LTS0002	Emergency Lighting - Machine Shop E. Wall, Rm 100
4738-PNL0001	Panel Board, Rm 100
4738-PNL0002	Panel Board, Rm 100
4738-PNL0003	Panel Board, Rm 101
4738-ROOF0001	Roof, Main, Bldg 4738
4738-ROOF0002	Roof, Bldg 4738
4738-ROOF0003	Roof, Bldg 4738
4738-SS0001	Safety Switch, Outside, North
4738-SS0002	Safety Switch, Room 101, S. Wall
4738-SS0003	Safety Switch, Room 100, N. Wall
4738-SS0004	Safety Switch, Room 100, N. Wall
4738-SS0005	Safety Switch, Room 100, W. Wall
4738-SS0006	Safety Switch, Room 100, W. Wall
4738-SS0007	Safety Switch, Room 100, W. Wall
4738-SS0008	Safety Switch, Room 100, W. Wall
4738-SS0009	Safety Switch, Room 100, W. Wall
4738-SSS0001	Starter Safety Switch, Room 100, W. Wall
4738-STRT0001	Starter, Room 100, N. Wall
4738-XFMR0001	Transformer, Room 100, N. Wall
4739-ADRY0001	Air Dryer, Rm E01 - Disconnect room E1
4739-ADRY0002	Air Dryer, Rm 103 - Disconnect at dryer
4739-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
4739-AH0002	Air Handling Unit, Rm 101, Overhead - Disconnect on unit
4739-AH0003	Air Handling Unit, Overhead
4739-CBP0001	Circuit Breaker Panel, Room 100, N. Wall
4739-CBS0001	Circuit Breaker Starter, Room 100, S. Wall
4739-CBS0002	Circuit Breaker Starter, Room 105, E-01
4739-CHWP0001	Chill Water Pump, Rm E01 - Disconnect room E1
4739-COIL001A	Chilled Water Coil, AH0001, Rm E-1
4739-COIL001B	Hot Water/Steam Coil, AH0001, Rm E-1
4739-COIL002A	Chilled Water Coil, AH0002, Rm 101
4739-COIL002B	Hot Water/Steam Coil, AH0002, Rm 101
4739-COIL003A	Chilled Water Coil, AH0003, Overhead
4739-COIL003B	Hot Water/Steam Coil, AH0003, Overhead
4739-CP0001	Control Panel, Room 106, S. Wall
4739-DHUM0001	Dehumidifier, Rm E01
4739-DOOR0001	Rollup Door, North Side
4739-DOOR0002	Sliding Door, North Side
4739-EW0001	Safety Eyewash, East Outside
4739-FAS0001	Fire Alarm System, Rm 100
4739-HTR0001	Unit Heater, E-1
4739-HWHD0001	Hot Water Heater - Domestic, Janitor's Closet - Disconnect at heater
4739-LTS0001	Emergency Lighting - Dry Cell, Rm 106
4739-LTS0002	Emergency Lighting - Dry Cell, Rm 100 South
4739-LTS0003	Emergency Lighting - Dry Cell, Rm 100 East
4739-LTS0004	Emergency Lighting - Dry Cell, Rm 100 North
4739-LTS0005	Emergency Lighting - Dry Cell, E-01 / 105 SE Corner
4739-ODT0001	Oxygen Detection System, Rm 100
4739-PNL0001	Panel Board, Rm 100

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4739-PNL0002	Panel Board, Rm 100
4739-PNL0003	Panel Board, Rm 100
4739-PNL0004	Panel Board, Rm 105
4739-PNL0005	Panel Board, Rm 105
4739-PNL0006	Panel Board, Rm 105
4739-ROOF0001	Roof, Main, Bldg 4739
4739-ROOF0002	Roof, Bldg 4739
4739-ROOF0003	Roof, Bldg 4739
4739-ROOF0004	Roof, Bldg 4739
4739-ROOF0005	Roof, Bldg 4739
4739-SHEW0001	Safety Shower and Eyewash, Rm 100
4739-SS0001	Safety Switch, Room 100, N. Wall
4739-SS0002	Safety Switch, Room 101A
4739-SS0003	Safety Switch, Room 100, Ctr. Colm.
4739-SS0004	Safety Switch, Room 100, Ctr. Colm.
4739-SS0005	Safety Switch, Room 100, E. Wall
4739-SS0006	Safety Switch, Room 100, E. Wall
4739-SS0007	Safety Switch, Room 100, E. Wall
4739-SS0008	Safety Switch, Outside, East
4739-SSS0001	Starter Safety Switch, Room 100, S. Wall
4739-STRT0001	Starter, Room 105, E-01
4739-STRT0002	Starter, Room 105, E-01
4739-STRT0003	Starter, Room 100, E. Wall
4739-XFMR0001	Transformer, E-01 / 105 SE Corner
4739-XFMR0002	Transformer, E-01 / 105 SE Corner
4739-XFMR0003	Transformer, Room 105, E-01
4739-XFMR0004	Transformer, Room 105, E-01
4743-ROOF0001	Main Roof of Building 4743
4745-PNL0001	Panel Board, North Outside
4745-ROOF0001	Roof, Main, Bldg 4745
4747-AC0001	Window Unit, Room 101 - Disconnect at unit
4747-AH0001	Air Handling Unit, Rm 108 - Disconnect on unit
4747-ATS0001	Auto Transfer Switch, Rm 102
4747-BFP0001	Back Flow Preventer - Hot Water, Rm 108
4747-CBS0001	Circuit Breaker Starter, Room 104
4747-CBS0002	Circuit Breaker Starter, Outside South
4747-CBS0003	Circuit Breaker Starter, Outside South
4747-CBS0004	Circuit Breaker Starter, Outside North
4747-CBS0005	Circuit Breaker Starter, Outside North
4747-CBS0006	Circuit Breaker Starter, Outside North
4747-CBS0007	Circuit Breaker Starter, Room 108
4747-CBS0008	Circuit Breaker Starter, Room 108
4747-CBS0009	Circuit Breaker Starter, Room 109
4747-CBS0010	Circuit Breaker Starter, Room 103
4747-CNDP0001	Condensate Pump, Rm 113 - Disconnect at pump
4747-CNDP0002	Condensate Pump, RM 113 - Disconnect at pump
4747-COIL001A	Chilled Water Coil, AH0001, Rm 108
4747-COIL001B	Hot Water/Steam Coil, AH0001, Rm 108
4747-CONT0001	Contactor, Room 107
4747-CONT0002	Contactor, Room 107
4747-CONT0003	Contactor, Room 107
4747-CONT0004	Contactor, Room 107
4747-CRN0001	2-Ton Bridge Crane, Rm 102 - Disconnect at ROOM 102

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4747-DOOR0001	Manual Roll-Up Door, Rm 102
4747-DOOR0002	Manual Roll-Up Door, West Side
4747-DOOR0003	Manual Roll-Up Door, Rm 106
4747-DOOR0004	Manual Roll-Up Door, Rm 106
4747-DOOR0005	Manual Roll-Up Door, Rm 101
4747-DXAC0001	Direct Expansion AC Unit, Rm 108 - Disconnect at unit
4747-DXAC0001	Direct Expansion AC Unit, Rm 108 - Disconnect at unit
4747-EAF0001	Fan Exhaust Blower, Outside North Side EF-1 - Disconnect room E1
4747-EAF0002	Fan Exhaust Blower, Outside North Side EF2 - Disconnect room E2
4747-EAF0003	Fan Exhaust Blower, Outside South Side EF3 - Disconnect in room E3
4747-EAF0004	Fan Exhaust Blower, Outside South Side EF4 - Disconnect in room E4
4747-EAF0005	Fan Exhaust Blower, Rm 107 EF5 - Disconnect in room E5
4747-EAF0006	Fan Exhaust Blower, Rm 110 EF6 - Disconnect in room E6
4747-FAN0001	Blower Fan, Rm 103 - Disconnect at fan
4747-FAN0002	Blower Fan, Rm 104 - Disconnect at fan
4747-FAS0001	Fire Alarm System, Room 101
4747-HTR0001	Heater Unit, Room 112 - Disconnect at unit
4747-HTR0002	Heater Unit, Room 112 - Disconnect at unit
4747-HTR0003	Heater Unit, Room 112 - Disconnect at unit
4747-HTR0004	Heater Unit, Room 112 - Disconnect at unit
4747-HTR0005	Heater Unit, Room 107 - Disconnect at unit
4747-HTR0006	Heater Unit, Room 108 - Disconnect at unit
4747-HTR0007	Heater Unit, Room 108 - Disconnect at unit
4747-HTR0008	Heater Unit, Room 101 - Disconnect at unit
4747-HTR0009	Heater Unit, Room 101 - Disconnect at unit
4747-HWP0001	Hot Water Pump, Rm 108 - Disconnect at pump
4747-HWP0002	Hot Water Pump, Rm 108 - Disconnect at pump
4747-LTS0001	Emergency Lighting - Rm 101
4747-LTS0002	Emergency Lighting - Rm 102
4747-LTS0003	Emergency Lighting - Rm 102
4747-LTS0004	Emergency Lighting - Rm 106
4747-LTS0005	Emergency Lighting - Rm 108
4747-LTS0006	Emergency Lighting - Rm 109
4747-LTS0007	Emergency Lighting - Rm 109
4747-LTS0008	Emergency Lighting - Rm 112
4747-PNL0001	Panel Board, Room 107
4747-PNL0002	Panel Board, Rm 107
4747-PNL0003	Panel Board, Rm 107
4747-PNL0004	Panel Board, Rm 107
4747-PNL0005	Panel Board, Rm 107
4747-PNL0006	Panel Board, Rm 107
4747-PNL0007	Panel Board, Rm 107
4747-PNL0008	Panel Board, Rm 107
4747-PNL0009	Panel Board, Rm 107
4747-PNL0010	Panel Board, Rm 107
4747-ROOF0001	Roof, Main, Bldg 4747
4747-SHEW0001	Safety Shower & Eyewash, S. Side E. Wall E. End
4747-SHEW0002	Safety Shower & Eyewash, S. Side E. Wall Center
4747-SHEW0003	Safety Shower & Eyewash, S. Side E. Wall West
4747-SS0001	Safety Switch, Room 101
4747-SS0002	Safety Switch, Room 102, S. Wall
4747-SS0003	Safety Switch, Room 102, S. Wall
4747-SS0004	Safety Switch, Room 102, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4747-SS0005	Safety Switch, Room 102, S. Wall
4747-SS0006	Safety Switch, Room 102, S. Wall
4747-SS0007	Safety Switch, Room 102, S. Wall
4747-SS0008	Safety Switch, Room 102, S. Wall
4747-SS0009	Safety Switch, Room 102, S. Wall
4747-SS0010	Safety Switch, Room 102, N. Wall
4747-SS0011	Safety Switch, Outside South
4747-SS0012	Safety Switch, Outside South
4747-SS0013	Safety Switch, Outside South
4747-SS0014	Safety Switch, Room 110
4747-SS0015	Safety Switch, Room 107
4747-STMT0001	Steam Station, Rm 112
4747-STRT0001	Starter, Room 113
4747-STRT0002	Starter, Room 113
4747-SUB0001	Substation, South Side
4747-SWBD0001	Switch Board, Room 107
4747-TVSS0001	Transient Voltage Surge Supression, Room 107
4747-XFMR0001	Transformer, Rm 107
4747-XFMR0002	Transformer, Rm 107
4747-XFMR0003	Transformer, Rm 107
4748-ICE0001	Ice MacHine, Rm 3
4748-PNL0001	Panel Board, Janitor's Closet
4748-ROOF0001	Roof, Main, Bldg 4748
4749-PNL0001	Panel Board, Rm 100
4749-PNL0002	Panel Board, Rm 106
4749-ROOF0001	Main Roof of Building 4749
4750-CBP0001	Circuit Breaker Panel, Picnic Area
4750-PNL0001	Panel Board, Picnic Area South
4750-PNL0002	Panel Board, Picnic Area West
4750-PNL0003	Panel Board, Picnic Area West
4750-PNL0004	Panel Board, Picnic Area North
4750-PNL0005	Panel Board, Picnic Area East
4750-RECT0004	Rectifier, Picnic Area
4750-ROOF0001	Main Roof of Building 4750
4750-SS0001	Safety Switch, Picnic Area
4750-SS0002	Safety Switch, Picnic Area
4750-SS0003	Safety Switch, Picnic Area
4750-SS0004	Safety Switch, Picnic Area
4750-SS0005	Safety Switch, Picnic Area
4750-SS0006	Safety Switch, Picnic Area
4750-SS0007	Safety Switch, Picnic Area
4750-SS0008	Safety Switch, Picnic Area
4750-SS0009	Safety Switch, Picnic Area
4750-SS0010	Safety Switch, Picnic Area
4750-SS0011	Safety Switch, Picnic Area
4750-SS0012	Safety Switch, Picnic Area
4750-SS0013	Safety Switch, Picnic Area
4750-SS0014	Safety Switch, Picnic Area
4750-SS0015	Safety Switch, 4750
4750-SS0016	Safety Switch, Picnic Area
4750-SS0017	Safety Switch, Picnic Area
4750-SS0018	Safety Switch, Picnic Area
4750-SS0019	Safety Switch, Picnic Area

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4750-SS0020	Safety Switch, Picnic Area
4750-SS0021	Safety Switch, Picnic Area
4750-SS0022	Safety Switch, Picnic Area
4750-SS0023	Safety Switch, Picnic Area
4750-SS0024	Safety Switch, Picnic Area
4751-CBP0001	Circuit Breaker Panel, S.Outside
4751-PNL0001	Panel Board, South Side
4751-RECT0003	Rectifier, South Side
4751-RLY0001	Relay, S.Outside
4751-SPMP001A	Sump Pump, Pit North End - Disconnect at pump
4751-SPMP001B	Sump Pump, Pit North End - Disconnect at pump
4754-AH0001	Air Handling Unit, Over Rm 102 & 103 - Disconnect on unit
4754-COIL001A	Chilled Water Coil, AH0001, Over Rm 102/103
4754-COIL001B	Hot Water/Steam Coil, AH0001, Over Rm 102/103
4754-CRN0001	10-Ton Bridge Crane, High Bay, North, Rm 101 - Disconnect at WEST WALL CENTER
4754-DOOR0001	Roll-Up Door, North Side - Disconnect at door
4754-DOOR0002	Roll-Up Door, North Side - Disconnect at door
4754-FAS0001	Fire Alarm System, East Wall Inside
4754-HWHD0001	Hot Water Heater - Domestic, Over Rm 102 - Disconnect at heater
4754-LTS0001	Emergency Lighting - High Bay E, Col 1, Rm 101
4754-LTS0002	Emergency Lighting - High Bay E, Col 3, Rm 101
4754-LTS0003	Emergency Lighting - High Bay E, Col 5, Rm 101
4754-LTS0004	Emergency Lighting - Rm 104
4754-LTS0005	Emergency Lighting - Rm 101, Over W Exit
4754-PNL0001	Panel Board, Rm 101, Column 4, East Wall
4754-PNL0002	Panel Board, Rm 101, Column 4, East Wall
4754-PNL0003	Panel Board, Rm 105
4754-PNL0004	Panel Board, Rm 101, Column 4, East Wall
4754-PNL0005	Panel Board, Rm 101, Behind Curtain, W. Wall
4754-PNL0006	Panel Board, Rm 101, Column 4, East Wall
4754-PNL0007	Panel Board, Rm 101, Column 4, East Wall
4754-PNL0008	Panel Board, Rm 101, Behind Curtain, West Wall
4754-ROOF0001	Roof, Main, Bldg 4754
4754-SS0001	Safety Switch, Room 101, E. Wall, Col 2
4754-SS0002	Safety Switch, Room 101, E. Wall, Col 2
4754-SS0003	Safety Switch, Room 101, E. Wall, Col 2
4754-SS0004	Safety Switch, Room 101, E. Wall, Col 3
4754-SS0005	Safety Switch, Room 101, E. Wall, Col 4
4754-SS0006	Safety Switch, Room 101, E. Wall, Col 6
4754-SS0007	Safety Switch, Room 101, E. Wall, Col 6
4754-SS0008	Safety Switch, Room 101, E. Wall, Col 6
4754-SS0009	Safety Switch, Room 101, E. Wall, Col 6
4754-SS0010	Safety Switch, Room 101, E. Wall, Col 7
4754-SS0011	Safety Switch, Room 105
4754-SS0012	Safety Switch, Room 101, W. Wall, Col 4
4754-SS0013	Safety Switch, Room 101, Door #2
4754-SS0014	Safety Switch, Room 101, At Door #1
4754-SS0015	Safety Switch, Room 201
4754-SS0016	Safety Switch, Outside South
4754-STRT0001	Starter, Room 201
4754-XFMR0001	Transformer, Rm 101, Column 3
4754-XFMR0002	Transformer, Rm 105
4754-XFMR0003	Transformer, Rm 101, Column 4

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-ACMP0001	Air Compressor Control, Column A, High Bay, Rm 117 - Disconnect at electrical panel
4755-ACMP0002	Air Compressor Control, Rm 119 - Disconnect at compressor
4755-ACMP0003	Air Compressor Control, Rm 119 - Disconnect at compressor
4755-ACMP0004	Air Compressor Cntrl, E-1
4755-ADRY0001	Air Dryer, Rm 119 - Disconnect at dryer
4755-AH0001	Air Handling Unit, Column A, High Bay, Rm 117 - Disconnect on unit
4755-AH0002	Air Handling Unit, Column B, High Bay, Rm 117 - Disconnect on unit
4755-AH0003	Air Handling Unit, Column C, High Bay, Rm 117 - Disconnect on unit
4755-AH0004	Air Handling Unit, Column D, High Bay, Rm 117 - Disconnect on unit
4755-AH0005	Air Handling Unit, Column E, High Bay, Rm 117 - Disconnect on unit
4755-AH0006	Air Handling Unit, Column F, High Bay, Rm 117 - Disconnect on unit
4755-AH0007	Air Handling Unit, Column G, High Bay, Rm 117 - Disconnect on unit
4755-AH0008	Air Handling Unit, Column A, High Bay, Rm 117 - Disconnect on unit
4755-AH0009	Air Handling Unit, Column B, High Bay, Rm 117 - Disconnect on unit
4755-AH0009	Air Handling Unit, Column B, High Bay, Rm 117 - Disconnect on unit
4755-AH0010	Air Handling Unit, Column C, High Bay, Rm 117 - Disconnect on unit
4755-AH0011	Air Handling Unit, Column D, High Bay, Rm 117 - Disconnect on unit
4755-AH0012	Air Handling Unit, Column E, High Bay, Rm 117 - Disconnect on unit
4755-AH0013	Air Handling Unit, Column F, High Bay, Rm 117 - Disconnect on unit
4755-AH0014	Air Handling Unit, NW Corner, Behind Lab - Disconnect on unit
4755-AH0015	Air Handling Unit, Rm 100, Southeast between columns G & H - Disconnect on unit
4755-AH0015	Air Handling Unit, Rm 100, Southeast between columns G & H - Disconnect on unit
4755-AH0016	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
4755-AH0016	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
4755-AH0017	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
4755-AH0017	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
4755-AH0018	Air Handling Unit, E. End S. Rm 109/Rm E09 - Disconnect in room E9 East end
4755-AH0019	Air Handling Unit, Over Head N.E. Exit, N. High Bay, Rm 100 - Disconnect on unit
4755-AH0020	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
4755-AH0021	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0021	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0024	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0024	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0025	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0025	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0026	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0026	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
4755-AH0028	Air Handling Unit, North High Bay, Outside West Rm 100A - Disconnect on unit
4755-AH0029	Air Handling Unit, Rm 301A - Disconnect on unit
4755-AH0030	Air Handling Unit, Over Head W. Exit, N. High Bay, Rm 100 - Disconnect on unit
4755-AH0031	Air Handling Unit, Over Head ,West Exit, N. High Bay, Rm 100 - Disconnect on unit
4755-AH0032	Air Handling Unit, Corridor, Overhead near West Stairwell. - Disconnect on unit
4755-AH0033	Air Handling Unit, Rm 212/Rm E06 - Disconnect in room E6
4755-AH0040	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
4755-AH0041	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
4755-AH0042	Air Handling Unit, Rm 412/Rm E02. 4th flr East End - Disconnect room E2
4755-ATS0001	Auto Transfer Switch, Rm 101
4755-ATS0002	Auto Transfer Switch, Rm 122A
4755-BATB0002	Battery Bank, North High Bay, South Side, Rm 100 (REMOVED 4/03)
4755-BATB0003	Battery Bank, North High Bay, SE Corner, Rm 100 (REMOVED 4/03)
4755-BATB0004	Battery Bank, Rm 122A (REMOVED 6/03)
4755-BFP0001	Back Flow Preventer - Chilled Water, Rm 412/Rm E02
4755-BFP0002	Back Flow Preventer - Chilled Water, Rm 412/Rm E02

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-BLR0001	Steam Boiler, Rm 119 - Disconnect at boiler
4755-BPD0001	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0002	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0003	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0004	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0005	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0006	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0007	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0008	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0009	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0010	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0011	Buss Plug Disconnect, N. High Bay, N. Wall Ne Sec.
4755-BPD0012	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0013	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0014	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0015	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0016	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0017	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0018	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0019	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0020	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0021	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0022	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0023	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0024	Buss Plug Disconnect, N. High Bay, N. Wall Nw Sec.
4755-BPD0025	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0026	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0027	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0028	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0029	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0030	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0031	Buss Plug Disconnect, N. High Bay, S. Wall Sw Sec.
4755-BPD0032	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0033	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0034	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0035	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0036	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0037	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0038	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0039	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0040	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0041	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0042	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0043	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0044	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0045	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0046	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0047	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0048	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0049	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0050	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-BPD0051	Buss Plug Disconnect, N. High Bay, S. Wall Se Sec.
4755-CBP0003	Circuit Breaker Panel, N. High Bay, N. Column G

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-CBP0004	Circuit Breaker Panel, N. High Bay, E. Wall
4755-CBP0006	Circuit Breaker Panel, S. High Bays, S. Column C
4755-CBP0007	Circuit Breaker Panel, N. High Bay, N. Column C
4755-CBP0008	Circuit Breaker Panel, N. High Bay, N. Column C
4755-CBP0009	Circuit Breaker Panel, N. High Bay, E. Wall
4755-CBP0010	Circuit Breaker Panel, N. High Bay, N. Column D
4755-CBP0011	Circuit Breaker Panel, S. High Bay, Rm 101, E-05
4755-CBP0012	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0013	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0014	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0015	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0016	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0017	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0018	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0019	Circuit Breaker Panel, S. High Bay, Rm. E-05
4755-CBP0020	Circuit Breaker Panel, S. High Bay, N. Column C
4755-CBP0021	Circuit Breaker Panel, S. High Bay, N. Column H
4755-CBP0022	Circuit Breaker Panel, S. High Bay, N. Column H
4755-CBP0023	Circuit Breaker Panel, 4TH Floor, E-03
4755-CBP0024	Circuit Breaker Panel, 4TH Floor, E-03
4755-CBP0025	Circuit Breaker Panel, 4TH Floor, E-04
4755-CBP0026	Circuit Breaker Panel, Hall To Room 100
4755-CBS0001	Circuit Breaker Starter, S High Bay, N. Column C
4755-CBS0002	Circuit Breaker Starter, S. High Bay, E. Wall S. Door
4755-CBS0003	Circuit Breaker Starter, S. High Bay, E. Wall N. Door
4755-CBX0001	Control Box, Room 215
4755-CBX0005	Control Box, S. High Bay, N. Column G
4755-CBX0006	Control Box, Room E-01
4755-CBX0007	Control Box, Room 215
4755-CHLR0001	Water Chiller, Rm 119
4755-CHLR0002	Water Chiller, Rm 117, SE behind curtain.
4755-CHWP0001	Chill Water Pump, Rm 119 - Disconnect at pump
4755-CHWP0002	Chill Water Pump, Rm 119 - Disconnect at pump
4755-CODT0001	Carbon Monoxide Detection System, North High Bay Exercise Room
4755-COIL001A	Chilled Water Coil, AH0001, Rm 117, Column A
4755-COIL001B	Hot Water/Steam Coil, AH0001, Rm 117, Column A
4755-COIL002A	Chilled Water Coil, AH0002, Rm 117, Column B
4755-COIL002B	Hot Water/Steam Coil, AH0002, Rm 117, Column B
4755-COIL003A	Chilled Water Coil, AH0003, Rm 117, Column C
4755-COIL003B	Hot Water/Steam Coil, AH0003, Rm 117, Column C
4755-COIL004A	Chilled Water Coil, AH0004, Rm 117, Column D
4755-COIL004B	Hot Water/Steam Coil, AH0004, Rm 117, Column D
4755-COIL005A	Chilled Water Coil, AH0005, Rm 117, Column E
4755-COIL005B	Hot Water/Steam Coil, AH0005, Rm 117, Column E
4755-COIL006A	Chilled Water Coil, AH0006, Rm 117, Column F
4755-COIL006B	Hot Water/Steam Coil, AH0006, Rm 117, Column F
4755-COIL007A	Chilled Water Coil, AH0007, Rm 117, Column G
4755-COIL007B	Hot Water/Steam Coil, AH0007, Rm 117, Column G
4755-COIL008A	Chilled Water Coil, AH0008, Rm 117, Column A
4755-COIL008B	Hot Water/Steam Coil, AH0008, Rm 117, Column A
4755-COIL009A	Chilled Water Coil, AH0009, Rm 117, Column B
4755-COIL009B	Hot Water/Steam Coil, AH0009, Rm 117, Column B
4755-COIL010A	Chilled Water Coil, AH0010, Rm 117, Column C

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-COIL010B	Hot Water/Steam Coil, AH0010, Rm 117, Column C
4755-COIL011A	Chilled Water Coil, AH0011, Rm 117, Column D
4755-COIL011B	Hot Water/Steam Coil, AH0011, Rm 117, Column D
4755-COIL012A	Chilled Water Coil, AH0012, Rm 117, Column E
4755-COIL012B	Hot Water/Steam Coil, AH0012, Rm 117, Column E
4755-COIL013A	Chilled Water Coil, AH0013, Rm 117, Column F
4755-COIL013B	Hot Water/Steam Coil, AH0013, Rm 117, Column F
4755-COIL014A	Chilled Water Coil, AH0014, NW Corner, Behind Lab
4755-COIL014B	Hot Water/Steam Coil, AH0014, NW Corner, Behind Lab
4755-COIL015A	Chilled Water Coil, AH0015, Rm 100, Between Columns G&H
4755-COIL015B	Hot Water/Steam Coil, AH0015, Rm 100, Between Columns G&H
4755-COIL016A	Chilled Water Coil, AH0016, Rm 100, S Wall
4755-COIL016B	Hot Water/Steam Coil, AH0016, Rm 100, S Wall
4755-COIL017A	Chilled Water Coil, AH0017, Rm 100, S Wall
4755-COIL017B	Hot Water/Steam Coil, AH0017, Rm 136, S Wall
4755-COIL018A	Chilled Water Coil, AH0018, Rm 109/E-9
4755-COIL018B	Hot Water/Steam Coil, AH0018, Rm 109/E-9
4755-COIL019A	Chilled Water Coil, AH0019, Rm 100, Overhead NE Exit
4755-COIL019B	Hot Water/Steam Coil, AH0019, Rm 100, Overhead NE Exit
4755-COIL020A	Chilled Water Coil, AH0020, Rm 400C/E-3
4755-COIL020B	Hot Water/Steam Coil, AH0020, Rm 400C/E-3
4755-COIL021A	Chilled Water Coil, AH0021, Rm 100, N Wall
4755-COIL021B	Hot Water/Steam Coil, AH0021, Rm 100, N Wall
4755-COIL024A	Chilled Water Coil, AH0024, Rm 100, N Wall
4755-COIL024B	Hot Water/Steam Coil, AH0024, Rm 100, N Wall
4755-COIL025A	Chilled Water Coil, AH0025, Rm 100, N Wall
4755-COIL025B	Hot Water/Steam Coil, AH0025, Rm 100, N Wall
4755-COIL026A	Chilled Water Coil, AH0026, Rm 100, N Wall
4755-COIL026B	Hot Water/Steam Coil, AH0026, Rm 100, N Wall
4755-COIL028A	Chilled Water Coil, AH0028, Outside West Rm 100A
4755-COIL028B	Hot Water/Steam Coil, AH0028, Outside West Rm 100A
4755-COIL029A	Chilled Water Coil, AH0029, Rm 301A
4755-COIL029B	Hot Water/Steam Coil, AH0029, Rm 301A
4755-COIL030A	Chilled Water Coil, AH0030, Rm 100, Overhead W Exit
4755-COIL030B	Hot Water/Steam Coil, AH0030, Rm 100, Overhead W Exit
4755-COIL031A	Chilled Water Coil, AH0031, Rm 100, Overhead W Exit
4755-COIL031B	Hot Water/Steam Coil, AH0031, Rm 100, Overhead W Exit
4755-COIL032A	Chilled Water Coil, AH0032, Corridor, Overhead Near W Stairwell
4755-COIL032B	Hot Water/Steam Coil, AH0032, Corridor, Overhead Near W Stairwell
4755-COIL033A	Chilled Water Coil, AH0033, Rm 212/E-6
4755-COIL033B	Hot Water/Steam Coil, AH0033, Rm 212/E-6
4755-COIL040A	Chilled Water Coil, AH0040, Rm 400C/E-3
4755-COIL040B	Hot Water/Steam Coil, AH0040, Rm 400C/E-3
4755-COIL041A	Chilled Water Coil, AH0041, Rm 400C/E-3
4755-COIL041B	Hot Water/Steam Coil, AH0041, Rm 400C/E-3
4755-COIL042A	Chilled Water Coil, AH0042, Rm 412/E-2
4755-COIL042B	Hot Water/Steam Coil, AH0042, Rm 412/E-2
4755-CRN0001	90-Ton Bridge Crane, South High Bay, West End - Disconnect at NORTH WALL CENTER
4755-CRN0002	90-Ton Bridge Crane, South High Bay, East End - Disconnect at NORTH WALL CENTER
4755-CRN0003	90-Ton Bridge Crane, North High Bay, Rm 100 - Disconnect at SOUTH WALL
4755-CRN0004	90-Ton Bridge Crane, North High Bay, Rm 100 - Disconnect at SOUTH WALL
4755-CRU0001	Computer Room Unit, Rm 122A, N Outside - Disconnect at unit
4755-CRU0001	Computer Room Unit, Rm 122A, N Outside - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-CRU0002	Computer Room Unit, Rm 315G Overhead - Disconnect at unit
4755-CRU0003	Computer Room Unit, Rm 217
4755-DFWT0001	De-Aerating Feed-water Tank, Rm 119
4755-DOOR0001	Roll-Up Door, West Side, N. High Bay, Rm 100 - Disconnect at door
4755-DOOR0002	Roll-Up Door, West Side, S. High Bay, Rm 117 - Disconnect at door
4755-DOOR0003	Sliding Door, East Side, N. High Bay, Rm 100
4755-DOOR0004	Sliding Door, East Side, S. High Bay, Rm 117
4755-DOOR0005	Sliding Personnel Door East Entrance
4755-DOOR0006	Sliding Personnel Door, East Entrance
4755-DXAC0001	Direct Expansion AC Unit, North Side - Disconnect at unit
4755-DXAC0002	Direct Expansion AC Unit, Rm 400B/Rm E04 - Disconnect at unit
4755-DXAC0003	Direct Expansion AC Unit, Rm 400B/Rm E04 - Disconnect at unit
4755-DXAC0004	Direct Expansion AC Unit, 4th Floor, Rm 409 - Disconnect at unit
4755-DXAC0005	Direct Expansion AC Unit, North High Bay, Rm 100 - Disconnect at unit
4755-DXAC0006	Direct Expansion AC Unit, Rm 215 - Disconnect at unit
4755-DXAC0007	DXAC Unit, Rm 215
4755-DXAC0008	Direct Expansion AC Unit, Rm 311 - Disconnect at unit
4755-DXAC0010	Direct Expansion AC Unit, Rm 315 - Disconnect at unit - Disconnect at unit
4755-DXAC0010	Direct Expansion AC Unit, Rm 315 - Disconnect at unit - Disconnect at unit
4755-DXAC0010	Direct Expansion AC Unit, Rm 315 - Disconnect at unit - Disconnect at unit
4755-DXAC0011	Direct Expansion Ac Unit, Over Elevator Room
4755-EAF0001	Exhaust Blower Fan, Rm 400C/Rm E03 - Disconnect in room E3
4755-EAF0002	Exhaust Blower Fan, Rm 400C/Rm E03 - Disconnect in room E3
4755-EAF0003	Exhaust Blower Fan, Rm 400B/Rm E04 - Disconnect in room E4
4755-EAF0004	Exhaust Blower Fan, North High Bay over FESTIR, Rm 100 - Disconnect at fan motor
4755-EAF0005	Exhaust Air Fan, E-1
4755-ELEV0001	Cable Elevator, West Side Center - Disconnect at elevator
4755-ELEV0002	Hydraulic Elevator, East End - Disconnect at elevator
4755-EW0002	Safety Eyewash, North High Bay, West Corner, Rm 100
4755-FAS0001	Fire Alarm System, Center of Bldg, By West Stairwell.
4755-FID0001	Field Interface Device, Rm 101
4755-FRE0001	400 Cycle Frequency Converter, North High Bay, Rm 100
4755-FRE0002	400 Cycle Frequency Converter, SE, North High Bay , Rm 100
4755-FRE0003	Freq. Converter 400 Cycle, N. High Bay, N. Column G
4755-FWP0001	Feed Water Pump, Rm 119 - Disconnect at electrical panel
4755-FWP0002	Feed Water Pump, Rm 119 - Disconnect at electrical panel
4755-FWP0003	Feed Water Pump, Rm 119 - Disconnect at electrical panel
4755-GEN0001	Emergency Generator, West Outside
4755-GEN0002	Emergency Generator, Outside North
4755-HV0001	Heating Vent Unit, Rm 400B/Rm E04
4755-HWHD0001	Hot Water Heater - Domestic, Rm 409 - Disconnect at heater
4755-HWHD0002	Hot Water Heater - Domestic, Closet in Rm 101 - Disconnect at heater
4755-HWHD0003	Hot Water Heater - Domestic, North High Bay, Under Sink, Rm 100 - Disconnect at heater
4755-HWHD0004	Hot Water Heater - Domestic, Rm 106 - Disconnect at heater
4755-HWP0001	Hot Water Pump, Rm 119 - Disconnect at pump
4755-HWP0002	Hot Water Pump, Rm 119 - Disconnect at pump
4755-HWP0003	Hot Water Pump, Rm 119 - Disconnect at pump
4755-ICE0001	Ice Machine, Rm 102 - Disconnect at machine
4755-LROD0001	Lightning Protection System, Roof
4755-LTS0001	Emergency Lighting - Rm 100, N. High Bay Entrance Rm 110A
4755-LTS0002	Emergency Lighting - N.W. Corner Rm 100A
4755-LTS0003	Emergency Lighting - Ramp Near Rm 100B
4755-LTS0004	Emergency Lighting - Near UPS 125

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-LTS0005	Emergency Lighting - N. High Bay Behind Curtain, Rm 100
4755-LTS0006	Emergency Lighting - Rm 100, N. High Bay S. Wall Above PNL 4
4755-LTS0007	Emergency Lighting - Rm 100, N. High Bay N.E. Exit
4755-LTS0008	Emergency Lighting - Rm 100, N. High Bay Column C
4755-LTS0009	Emergency Lighting - High Bay Above LPCT1
4755-LTS0010	Emergency Lighting - Rm 100, Right of LTS0011
4755-LTS0011	Emergency Lighting - Rm 100, N. High Bay N.W. Exit
4755-LTS0012	Emergency Lighting - Rm 100, N. High Bay
4755-LTS0013	Emergency Lighting - Rm 100, N. High Bay by W. Rollup Dr
4755-LTS0014	Emergency Lighting - Hall by Rm 300
4755-LTS0015	Emergency Lighting - Hall by Rm 301
4755-LTS0016	Emergency Lighting - Hall by Rm 313
4755-LTS0017	Emergency Lighting - Hall by Rm 315
4755-LTS0018	Emergency Lighting - Hall by Rm 323
4755-LTS0019	Emergency Lighting - Hall by Rm 400
4755-LTS0020	Emergency Lighting - Hall by Rm 401
4755-LTS0021	Emergency Lighting - Hall by Rm 101/ Rm E05
4755-LTS0022	Emergency Lighting - Hall Near Elevator 1 Fl
4755-LTS0023	Emergency Lighting - Hall Near Rm 110C
4755-LTS0024	Emergency Lighting - Stairs Up From Rm 112
4755-LTS0025	Emergency Lighting - Hall Near Elevator 2nd Fl
4755-LTS0026	Emergency Lighting - Outside W. Elev Door
4755-LTS0027	Emergency Lighting - Hall Near Rm 220
4755-LTS0028	Emergency Lighting - Stairs Up From Rm 215
4755-LTS0029	Emergency Lighting - Stairs, Rm 215
4755-LTS0030	Emergency Lighting - S. High Bay Behind Curtain, Rm 117
4755-LTS0031	Emergency Lighting - Outside Rm 117A
4755-LTS0032	Emergency Lighting - Rm 117A Interior
4755-LTS0033	Emergency Lighting - By Fire Alarm PNL
4755-LTS0034	Emergency Lighting - Hall by Rm 405
4755-LTS0035	Emergency Lighting - Hall by Rm 407
4755-LTS0036	Emergency Lighting - Stairs Dn From Rm 407
4755-LTS0037	Emergency Lighting - Stairs Dn From Rm 317
4755-LTS0038	Emergency Lighting - Stairs By Rm E4
4755-LTS0039	Emergency Lighting - Stairs By Rm 325
4755-LTS0040	Emergency Lighting - Stairs Dn From Rm 325
4755-LTS0041	Emergency Lighting - Stairs Dn From Rm 200
4755-LTS0042	Emergency Lighting - Center Stairs, 3rd to 4th FL
4755-LTS0043	Emergency Lighting - Center Stairs, 1st Floor
4755-LTS0044	Emergency Lighting - Center Stairs, 2nd Floor
4755-LTS0045	Emergency Lighting - East Stairs, 4th Floor
4755-LTS0046	Emergency Lighting - South High Bay, North Column E
4755-LTS0047	Emergency Lighting - South High Bay, North Column C
4755-LTS0048	Emergency Lighting - South High Bay, North Column D
4755-LTS0049	Emergency Lighting - South High Bay, North Column D
4755-LTS0050	Emergency Lighting - South High Bay, South Column H
4755-LTS0051	Emergency Lighting - South High Bay, South Column F
4755-LTS0052	Emergency Lighting - South High Bay, South Column B
4755-LTS0053	Emergency Lighting - South High Bay, North Column D
4755-LTS0054	Emergency Lighting - Hall at Room 226
4755-LTS0055	Emergency Lighting - Hall at Room 231
4755-LTS0056	Emergency Lighting - Room 122A, E-11
4755-LTS0057	Emergency Lighting - Room 122A, E-11

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-LTS0058	Emergency Lighting - Room 215
4755-LTS0059	Emergency Lighting - Room 215
4755-LTS0060	Emergency Lighting - Hallway between Rms 236 and 238
4755-MCC0001	Motor Control Center, Rm 119
4755-MTS0001	Manual Transfer Switch, North High Bay, S Wall, Rm 100
4755-ODT0001	Oxygen Detection System, Basement, Rm B100
4755-PNL0001	Panel Board, Rm 100A
4755-PNL0002	Panel Board, North High Bay, Post Area, Rm 100
4755-PNL0003	Panel Board, Rm 111
4755-PNL0004	Panel Board, Rm 111
4755-PNL0005	Panel Board, Rm 101
4755-PNL0006	Panel Board, Rm 111
4755-PNL0007	Panel Board, Rm 111
4755-PNL0008	Panel Board, Rm 111
4755-PNL0009	Panel Board, Rm 323
4755-PNL0010	Panel Board, Rm 100A
4755-PNL0011	Panel Board, Rm 111
4755-PNL0012	Panel Board, Rm 100A
4755-PNL0013	Panel Board, Rm 100A
4755-PNL0014	Panel Board, Rm 113
4755-PNL0015	Panel Board, Rm 101
4755-PNL0016	Panel Board, Rm 200
4755-PNL0017	Panel Board, Rm 302
4755-PNL0018	Panel Board, Rm 400B/Rm E04
4755-PNL0019	Panel Board, Rm 403
4755-PNL0020	Panel Board, Rm 111
4755-PNL0021	Panel Board, Rm 111
4755-PNL0022	Panel Board, Rm 100A
4755-PNL0023	Panel Board, Rm 111
4755-PNL0024	Panel Board, Rm 111
4755-PNL0025	Panel Board, Rm 111
4755-PNL0026	Panel Board, Rm 111
4755-PNL0027	Panel Board, Rm 215
4755-PNL0028	Panel Board, Rm 101
4755-PNL0029	Panel Board, Rm 215
4755-PNL0030	Panel Board, Rm 111
4755-PNL0031	Panel Board, Rm 111
4755-PNL0032	Panel Board, Rm 111
4755-PNL0033	Panel Board, Rm 111
4755-PNL0034	Panel Board, Rm 111
4755-PNL0035	Panel Board, Rm 113
4755-PNL0036	Panel Board, Rm 111
4755-PNL0037	Panel Board, Rm 111
4755-PNL0038	Panel Board, Rm 113
4755-PNL0039	Panel Board, Rm 111
4755-PNL0040	Panel Board, Rm 101
4755-PNL0041	Panel Board, Rm 111
4755-PNL0042	Panel Board, Rm 111
4755-PNL0043	Panel Board, Rm 111
4755-PNL0044	Panel Board, Rm 111
4755-PNL0045	Panel Board, Rm 111
4755-PNL0046	Panel Board, Rm 111
4755-PNL0047	Panel Board, Rm 113

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-PNL0048	Panel Board, Rm 400B/Rm E04
4755-PNL0049	Panel Board, Rm 111
4755-PNL0050	Panel Board, Rm 101
4755-PNL0051	Panel Board, Rm 113
4755-PNL0052	Panel Board, Rm 113
4755-PNL0053	Panel Board, Rm 113
4755-PNL0054	Panel Board, Rm 113
4755-PNL0055	Panel Board, Rm 113
4755-PNL0056	Panel Board, Rm 113
4755-PNL0057	Panel Board, Rm 212/Rm E06
4755-PNL0058	Panel Board, Rm 111
4755-PNL0059	Panel Board, Rm 111
4755-PNL0060	Panel Board, Rm 111
4755-PNL0061	Panel Board, Rm 111
4755-PNL0062	Panel Board, Rm 400B/Rm E04
4755-PNL0063	Panel Board, Rm 302
4755-PNL0064	Panel Board, Rm 111
4755-PNL0065	Panel Board, Rm 400B/Rm E04
4755-PNL0066	Panel Board, Rm 400C/Rm E03
4755-PNL0067	Panel Board, Rm 113
4755-PNL0068	Panel Board, Rm 111
4755-PNL0069	Panel Board, Rm 238
4755-PNL0070	Panel Board, Rm 238
4755-PNL0071	Panel Board, Rm 113
4755-PNL0072	Panel Board, North High Bay, West Wall FESTER Rm
4755-PNL0073	Panel Board, South High Bay, Room 107, E-08
4755-PNL0074	Panel Board, South High Bay, North Column G
4755-PNL0075	Panel Board, South High Bay, North Column G
4755-PNL0076	Panel Board, North High Bay, South EFF Rm.
4755-PNL0077	Panel Board, North High Bay, South EFF Rm.
4755-PNL0078	Panel Board, North High Bay, South Column C
4755-PNL0079	Panel Board, North High Bay, North Outer Wall FESTER Rm
4755-PNL0080	Panel Board, North High Bay, West Wall by Door
4755-PNL0081	Panel Board, North High Bay, West Wall by Door
4755-PNL0082	Panel Board, North High Bay, North Column D Mid Floor
4755-PNL0083	Panel Board, South High Bay, Room 107, E-08
4755-PNL0084	Panel Board, South High Bay, Room 119, E-01
4755-PNL0085	Panel Board, Hall at Room 212
4755-PNL0086	Panel Board, Room 217
4755-PNL0087	Panel Board, Room 102B
4755-PNL0088	Panel Board, South High Bay, Southeast Clean Room
4755-PNL0089	Panel Board, Room 315, West Wall
4755-PNL0090	Panel Board, Room 315, West Wall
4755-PNL0091	Panel Board, Room 122A, E-11
4755-PNL0092	Panel Board, Room 122A, E-11
4755-RAF0001	Return Air Fan, Over Rm 102A
4755-RAF0002	Return Air Fan, Over Rm 102A
4755-RLY0001	Relay, E-04
4755-ROOF0001	Roof, Main, Bldg 4755
4755-ROOF0002	Roof, East, Bldg 4755
4755-ROOF0003	Roof, South, Bldg 4755
4755-ROOF0004	Roof, Bldg 4755
4755-ROOF0005	Roof, Bldg 4755

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-ROOF0006	Roof, Bldg 4755
4755-SAF0001	Supply Air Fan, Over Rm 102A
4755-SAF0002	Supply Air Fan, Rm 102B - Disconnect at fan unit
4755-SHEW0001	Safety Shower & Eyewash, Rm 102A S. Side E. Wall
4755-SHEW0002	Safety Shower & Eyewash, High Bay NE Corner E. Wall, Rm 100
4755-SPMP001A	Sump Pump - Basement, North High Bay, Rm B100 - Disconnect at pump
4755-SPMP001B	Sump Pump - Basement, North High Bay, Rm B100 - Disconnect at pump
4755-SS0001	Safety Switch, N. High Bay, N. Space Sta.
4755-SS0002	Safety Switch, N. High Bay, N. Space Sta.
4755-SS0003	Safety Switch, N. High Bay, N. Space Sta.
4755-SS0004	Safety Switch, Basement
4755-SS0005	Safety Switch, Basement
4755-SS0006	Safety Switch, North Wall Outside
4755-SS0007	Safety Switch, West Wall Outside
4755-SS0013	Safety Switch, N. High Bay, Ne Corner
4755-SS0014	Safety Switch, N. High Bay, Ne Corner
4755-SS0015	Safety Switch, N. High Bay, N. Column G
4755-SS0016	Safety Switch, N. High Bay, N. Column G
4755-SS0017	Safety Switch, N. High Bay, N. Column G
4755-SS0018	Safety Switch, N. High Bay, N. Column F
4755-SS0019	Safety Switch, N. High Bay, N. Column E
4755-SS0020	Safety Switch, N High Bay, N Column E
4755-SS0021	Safety Switch, N. High Bay, N Column E
4755-SS0022	Safety Switch, N. High Bay, S. Wall East
4755-SS0023	Safety Switch, N. High Bay, S. Wall East
4755-SS0024	Safety Switch, N. High Bay, S. Wall East
4755-SS0025	Safety Switch, N. High Bay, S. Wall East
4755-SS0026	Safety Switch, N. High Bay, S. Wall East
4755-SS0027	Safety Switch, N. High Bay, S. Wall East
4755-SS0028	Safety Switch, N. High Bay, S. Wall East
4755-SS0029	Safety Switch, N. High Bay, W. Fester
4755-SS0030	Safety Switch, N. High Bay, W. Fester
4755-SS0031	Safety Switch, N. High Bay, S. Column F
4755-SS0032	Safety Switch, N. High Bay, S. Column F
4755-SS0033	Safety Switch, N. High Bay, N. Column E
4755-SS0034	Safety Switch, Room E-01
4755-SS0035	Safety Switch, S. High Bay, N. Column E
4755-SS0036	Safety Switch, Room 101, E-05
4755-SS0037	Safety Switch, S. High Bay, W. Door
4755-SS0038	Safety Switch, S. High Bay, S. Column B
4755-SS0041	Safety Switch, 3RD Floor, Rm. E-02
4755-SS0042	Safety Switch, S. High Bay, S. Column C
4755-SS0043	Safety Switch, S. High Bay, S. Column C
4755-SS0044	Safety Switch, S. High Bay, S. Column D
4755-SS0045	Safety Switch, S. High Bay, S. Column D
4755-SS0046	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0047	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0048	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0049	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0050	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0051	Safety Switch, 4TH Floor, Rm. E-04
4755-SS0052	Safety Switch, 4TH Floor, Rm. E-03
4755-SS0053	Safety Switch, 4TH Floor, Rm. E-03

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-SS0054	Safety Switch, 4TH Floor, Rm. E-03
4755-SS0055	Safety Switch, 4TH Floor, Rm. E-03
4755-SS0056	Safety Switch, 3RD Floor, Rm. E-02
4755-SS0057	Safety Switch, 3RD Floor, Rm. E-02
4755-SS0058	Safety Switch, N. High Bay, S. Column E
4755-SS0059	Safety Switch, N. High Bay, E. Wall
4755-SS0060	Safety Switch, N. High Bay, S. Column C
4755-SS0061	Safety Switch, N. High Bay, S. Column C
4755-SS0062	Safety Switch, Room E-06
4755-SS0063	Safety Switch, Room 409
4755-SS0064	Safety Switch, Room 409
4755-SS0065	Safety Switch, N. High Bay, S. Column C
4755-SS0066	Safety Switch, N. High Bay, W. Wall
4755-SS0067	Safety Switch, N. High Bay, W. Wall
4755-SS0068	Safety Switch, N. High Bay, Nw Corner
4755-SS0069	Safety Switch, N. High Bay, N. Column C
4755-SS0070	Safety Switch, N. High Bay, N. Column D
4755-SS0071	Safety Switch, S. High Bay, Room E-01
4755-SS0072	Safety Switch, S. High Bay, Room E-01
4755-SS0073	Safety Switch, S. High Bay, Rm. E-01 S. Wall
4755-SS0074	Safety Switch, S. High Bay, N. Column G
4755-SS0076	Safety Switch, S. High Bay, N. Column A
4755-SS0077	Safety Switch, S. High Bay, W. Wall
4755-SS0078	Safety Switch, S. High Bay, S. Wall Clean Rm.
4755-SS0079	Safety Switch, S. High Bay, S. Wall Clean Rm.
4755-SS0080	Safety Switch, S. High Bay, S. Wall Clean Rm.
4755-SS0081	Safety Switch, S. High Bay, Clean Rm. N. Wall
4755-SS0082	Safety Switch, S. High Bay, Clean Rm. E. Wall
4755-SS0083	Safety Switch, S. High Bay, Clean Rm. E. Wall
4755-SS0084	Safety Switch, S. High Bay, Clean Rm. S. Wall
4755-SS0085	Safety Switch, S. High Bay, Clean Rm. S. Wall
4755-SS0086	Safety Switch, S. High Bay, Clean Rm. Roof
4755-SS0087	Safety Switch, S. High Bay, Clean Rm . Roof
4755-SS0088	Safety Switch, S. High Bay, Clean Rm. Roof
4755-SS0089	Safety Switch, S. High Bay, Clean Rm. Roof
4755-SS0090	Safety Switch, S. High Bay, Clean Rm. Roof
4755-SS0091	Safety Switch, S. High Bay, Clean Rm. Roof
4755-SS0092	Safety Switch, Elevator Equpt. Rm. Roof
4755-SS0093	Safety Switch, Room 315, N. Wall
4755-SS0094	Safety Switch, Room 315, S. Wall
4755-SS0096	Safety Switch, Room 315, S. Wall
4755-SS0097	Safety Switch, Room 315, Ctr. Short Wall
4755-SS0098	Safety Switch, Room 315, Ctr. Short Wall
4755-SS0100	Safety Switch, Room 217
4755-SS0101	Safety Switch, Room 217
4755-SS0102	Safety Switch, Room 106
4755-SS0104	Safety Switch, West Yard Area
4755-SSS0001	Starter Safety Switch, S. High Bay, Rm. E-01
4755-SSS0002	Starter Safety Switch, S. High Bay, Rm. E-01
4755-SSS0003	Starter Safety Switch, S. High Bay, Rm. E-01
4755-SSS0004	Starter Safety Switch, S. High Bay, Rm. E-01
4755-SSS0005	Starter Safety Switch, S. High Bay, Rm. E-01
4755-SSS0006	Starter Safety Switch, S. High Bay, Rm. E-01

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EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-SSS0007	Starter Safety Switch, S. High Bay, S. Column A
4755-SSS0008	Starter Safety Switch, S. High Bay, S. Column C
4755-SSS0009	Starter Safety Switch, S. High Bay, S. Column C
4755-SSS0010	Starter Safety Switch, S. High Bay, S. Column D
4755-SSS0012	Starter Safety Switch, Room 315, N. Wall
4755-SSS0013	Starter Safety Switch, Room 212, E-06
4755-SSS0015	Starter Safety Switch, N. High Bay, Lab Roof
4755-SSS0016	Starter Safety Switch, N. High Bay, Lab Roof
4755-SSS0017	Starter Safety Switch, N. High Bay, Lab Roof
4755-STRT0002	Starter, N. High Bay, N. Column A
4755-STRT0003	Starter, N. High Bay, N. Column D
4755-STRT0004	Starter, N. High Bay, N. Column E
4755-STRT0005	Starter, N. High Bay, N. Column B
4755-STRT0006	Starter, N. High Bay, S. Column G
4755-STRT0007	Starter, N. High Bay, S. Column G
4755-STRT0008	Starter, N. High Bay, S. Column D
4755-STRT0009	Starter, N. High Bay, S. Column C
4755-STRT0010	Starter, West Wall Outside
4755-STRT0011	Starter, S. High Bay, Rm. E-01
4755-STRT0012	Starter, Basement
4755-STRT0013	Starter, Basement
4755-STRT0014	Starter, S. High Bay, Rm E-01
4755-STRT0015	Starter, S. High Bay, N. Column A
4755-SWBD0001	Switch Board, South High Bay, Room 119, E-01
4755-SWBD0002	Switch Board, Room 101, E-05
4755-SWBD0003	Switch Board, Room 101, E-05
4755-SWBD0004	Switch Board, Room 101, E-05
4755-SWBD0005	Switch Board, Room 122A, E-11
4755-SWBD0006	Switch Board, Room 122A, E-11
4755-SWBD001	Switch Board, S. High Bay, Rm. E-01
4755-SWBD002	Switch Board, Room 101, E-05
4755-SWBD003	Switch Board, Room 101, E-05
4755-SWBD004	Switch Board, Room 101, E-05
4755-SWBD005	Switch Board, Room 122A
4755-SWBD006	Switch Board, Room 122A
4755-TMR0001	Timer, S. High Bay, Rm. E-01, N. Wall
4755-TMR0002	Timer, S. High Bay, Rm. E-01, N. Wall
4755-UH0001	Unit Heater Steam, E-1
4755-UH0002	Unit Heater Steam, E-1
4755-UH0003	Unit Heater Electric, Rm 117A
4755-UPC0001	Unit Power Center, North Yard Area
4755-UPC0002	Unit Power Center, Rm 101
4755-UPC0005	Unit Power Center, North Yard Outside
4755-UPS0001	UPS Power System, North High Bay, South Side, Rm 100 (REMOVED 3/03)
4755-UPS0002	UPS Power System, North High Bay, South Side, Rm 100 (REMOVED 3/03)
4755-UPS0003	UPS Power System, North High Bay, SE Corner, Rm 100
4755-UPS0004	UPS Power System, Rm 122A
4755-UPSF0001	UPS Frequency Inverter, NE Corner, North High Bay, Rm 100
4755-VSC0001	Variable Speed Control, Rm E1/119 Assoc w/ CHWP
4755-VSC0002	Variable Speed Control, Rm E1/119 Assoc w/ CHWP
4755-VSC0003	Variable Speed Control, Room 119, E-01
4755-WSFT0001	Water Softener
4755-WSFT0002	Water Softener

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4755-XFMR0001	Transformer, Rm 111
4755-XFMR0002	Transformer, Rm 111
4755-XFMR0003	Transformer, Rm 111
4755-XFMR0004	Transformer, Rm 111
4755-XFMR0005	Transformer, Rm 111
4755-XFMR0006	Transformer, Rm 111
4755-XFMR0007	Transformer, Rm 111
4755-XFMR0008	Transformer, Rm 111
4755-XFMR0009	Transformer, Rm 111
4755-XFMR0010	Transformer, Rm 111
4755-XFMR0011	Transformer, Rm 101
4755-XFMR0012	Transformer, Rm 101
4755-XFMR0013	Transformer, Rm 113
4755-XFMR0014	Transformer, Rm 113
4755-XFMR0015	Transformer, Rm 113
4755-XFMR0016	Transformer, Rm 119
4755-XFMR0017	Transformer, Rm 113
4755-XFMR0018	Transformer, Rm 113
4755-XFMR0019	Transformer, Rm 113
4755-XFMR0020	Transformer, Rm 400C/Rm E03
4755-XFMR0021	Transformer, Rm 200
4755-XFMR0022	Transformer, Rm 200
4755-XFMR0023	Transformer, Rm 113
4755-XFMR0024	Transformer, North High Bay, Post Area, Rm 100
4755-XFMR0025	Transformer, North High Bay, North Column G
4755-XFMR0026	Transformer, South High Bay, Room 119, E-01
4755-XFMR0027	Transformer, South High Bay, North Column C
4755-XFMR0028	Transformer, South High Bay, North Column C
4755-XFMR0029	Transformer, Room 101, E-05
4755-XFMR0030	Transformer, South High Bay, Room 107, E-08
4755-XFMR0031	Transformer, Room 315, West Wall
4755-XFMR0032	Transformer, Room 315, West Wall
4755-XFMR0033	Transformer, South High Bay, South Column D
4755-XFMR0034	Transformer, Room 122A, E-11
4755-XFMR0035	Transformer, Room 122A, E-11
4756-ROOF0001	Roof, Main, Bldg 4756
4757-DOOR0001	Roll-Up Door, East Side
4757-DXAC0001	Direct Expansion AC Unit, Bldg 4757 - Disconnect at unit
4757-DXAC0001	Direct Expansion AC Unit, Bldg 4757 - Disconnect at unit
4757-FAS0001	Fire Alarm System, E Wall
4757-LTS0001	Emergency Lighting - South Exit
4757-LTS0002	Emergency Lighting - West Exit
4757-PP0001	Power Panel, Rm 100 W Wall
4757-ROOF0001	Main Roof of Building 4757
4757-RP0001	Receptacle Panel Board, Rm 100 W Wall
4757-SS0001	Safety Switch, Outside West
4757-SS0002	Safety Switch, East Wall
4757-XFMR0001	Transformer, Rm 100 W Wall
4758-ROOF0001	Roof, Main, Bldg 4758
4759-ACMP0001	Air Compressor Control, South Side Center of Bldg - Disconnect at compressor
4759-CBP0001	Circuit Breaker Panel, Room 101B
4759-CBP0002	Circuit Breaker Panel, Outside, South
4759-CRU0001	Computer Room Unit, Rm 102A - Disconnect at unit

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4759-CRU0001	Computer Room Unit, Rm 102A - Disconnect at unit
4759-DOOR0001	Electric Roll-Up Door, Room 102
4759-DOOR0002	Electric Roll-Up Door, Room 101
4759-DOOR0003	Sliding Door, North Side
4759-DOOR0004	Sliding Door, East Side
4759-DXAC0001	Direct Expansion Air Conditioning Unit, Room 103 - Disconnect at unit
4759-DXAC0001	Direct Expansion Air Conditioning Unit, Room 103 - Disconnect at unit
4759-DXAC0002	Direct Expansion Air Conditioning Unit, NE Corner - Disconnect at unit
4759-DXAC0003	Direct Expansion Air Conditioning Unit, West Side - Disconnect at unit
4759-EW0001	Eyewash Station, Room 7
4759-EW0002	Safety Eyewash, Rm 102A
4759-EW0003	Safety Eyewash, South Side of Shop
4759-EW0004	Safety Eyewash, North Side of Shop
4759-FAS0001	Fire Alarm System, North Wall of Shop
4759-HST0001	3 Ton Monorail Hoist, East End - Disconnect at NORTH WALL
4759-HV0001	Heating Vent Unit
4759-LTS0001	Emergency Lighting - Near Rm 102A on Column
4759-LTS0002	Emergency Lighting - Rm 102A Over Door
4759-PNL0001	Panel Board, Rm 101B
4759-PNL0002	Panel Board, Machine Shop
4759-PNL0003	Panel Board, Machine Shop
4759-PNL0004	Panel Board, Machine Shop
4759-PNL0005	Panel Board, Machine Shop
4759-PNL0005A	Panel Board, Rm 101, MacHine Shop
4759-PNL0006	Panel Board, Machine Shop
4759-PNL0007	Panel Board, Machine Shop
4759-PNL0008	Panel Board, Machine Shop
4759-PNL0009	Panel Board, Machine Shop
4759-PNL0010	Panel Board, Rm 102
4759-PNL0011	Panel Board, Rm 103
4759-PNL0012	Panel Board, Rm 102
4759-PNL005A	Panel Board, Machine Shop
4759-ROOF0001	Roof, Main, Bldg 4759
4759-ROOF0002	Roof, Main, Bldg 4759
4759-ROOF0003	Roof, Main, Bldg 4759
4759-ROOF0004	Roof, Main, Bldg 4759
4759-ROOF0005	Roof, Main, Bldg 4759
4759-SHEW0001	Safety Shower and Eyewash, Rm 102A
4759-SPR0001	Sprinkler System, South Center
4759-SS0001	Safety Switch, MacHine Shop
4759-SS0002	Safety Switch, MacHine Shop
4759-SS0003	Safety Switch, MacHine Shop
4759-SS0004	Safety Switch, MacHine Shop
4759-SS0005	Safety Switch, MacHine Shop
4759-SS0006	Safety Switch, MacHine Shop
4759-SS0007	Safety Switch, MacHine Shop
4759-SS0008	Safety Switch, MacHine Shop
4759-SS0009	Safety Switch, MacHine Shop
4759-SS0010	Safety Switch, MacHine Shop
4759-SS0011	Safety Switch, MacHine Shop
4759-SS0012	Safety Switch, MacHine Shop
4759-SS0013	Safety Switch, MacHine Shop
4759-SS0014	Safety Switch, MacHine Shop

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4759-SS0015	Safety Switch, MacHine Shop
4759-SS0016	Safety Switch, MacHine Shop
4759-SS0017	Safety Switch, MacHine Shop
4759-SS0018	Safety Switch, MacHine Shop
4759-SS0019	Safety Switch, Room 102
4759-SS0020	Safety Switch, Room 102
4759-SS0021	Safety Switch, Room 102
4759-SS0022	Safety Switch, Room 102
4759-SS0023	Safety Switch, Room 102
4759-SS0024	Safety Switch, South Wall
4759-SS0025	Safety Switch, Room 102
4759-SS0026	Safety Switch, Room 102
4759-SS0027	Safety Switch, Room 102
4759-SS0028	Safety Switch, Room 101B
4759-SS0029	Safety Switch, Room 101B
4759-SS0030	Safety Switch, Room 101B
4759-SS0031	Safety Switch, Room 101B
4759-SS0032	Safety Switch, Room 101B
4759-SS0033	Safety Switch, 3
4759-SS0034	Safety Switch, Room 101B
4759-SS0035	Safety Switch, Room 101B
4759-SS0036	Safety Switch, MacHine Shop
4759-SS0037	Safety Switch, Room 105
4759-SS0038	Safety Switch, Room 105
4759-SS0039	Safety Switch, Room 105
4759-SS0040	Safety Switch, Room 103
4759-SS0041	Safety Switch, Room 103
4759-SS0042	Safety Switch, Room 103
4759-SS0043	Safety Switch, West Outside
4759-SS0044	Safety Switch, Room 103
4759-SS0045	Safety Switch, Room 103
4759-SS0046	Safety Switch, Room 103
4759-SS0047	Safety Switch, Room 103
4759-SS0048	Safety Switch, Room 103
4759-SS0049	Safety Switch, Room 103
4759-SS0050	Safety Switch, Room 103
4759-SS0051	Safety Switch, Room 103
4759-SS0052	Safety Switch, Room 103
4759-SS0053	Safety Switch, Outside, West
4759-SS0054	Safety Switch, Outside, West
4759-SS0055	Safety Switch, Outside, West
4759-SS0056	Safety Switch, Outside, West
4759-SS0057	Safety Switch, Outside, West
4759-SS0058	Safety Switch, Outside, East
4759-SS0059	Safety Switch, Outside, East
4759-SSS0001	Starter Safety Switch, Room 105
4759-STRT0001	Starter, MacHine Shop
4759-STRT0002	Starter, MacHine Shop
4759-STRT0003	Starter, MacHine Shop
4759-STRT0004	Starter, Outside, East
4759-STRT0005	Starter, Outside, East
4759-XFMR0001	Transformer, Rm 101, MacHine Shop
4759-XFMR0002	Transformer, Rm 101, MacHine Shop

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4759-XFMR0003	Transformer, Rm 101, MacHine Shop
4759-XFMR0004	Transformer, Rm 101, MacHine Shop
4759-XFMR0005	Transformer, Room 103
4760-ACMP0001	Air Compressor Control, E End near Rm 118 - Disconnect room 118 east wall
4760-ADRY0001	Air Dryer, On Top of Room 118 - Disconnect at dryer
4760-BFP0001	Back Flow Preventer - DI Water, South Wall, Rm 102
4760-CBP0001	Circuit Breaker Panel, Room 116, W. Wall
4760-CBP0002	Circuit Breaker Panel, Room 116, W. Wall
4760-CBP0003	Circuit Breaker Panel, Room 116, W. Wall
4760-CBS0001	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0002	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0003	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0004	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0005	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0006	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0007	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0008	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0009	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0010	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0011	Circuit Breaker Starter, Room 102, S. Wall
4760-CBS0012	Circuit Breaker Starter, Room 102, Basement
4760-CBS0013	Circuit Breaker Starter, Room 102, Basement
4760-CBS0014	Circuit Breaker Starter, Room 102, Basement
4760-CBS0015	Circuit Breaker Starter, Room 102, Basement
4760-CBS0016	Circuit Breaker Starter, Room 102, Basement
4760-CBS0017	Circuit Breaker Starter, Room 117, N. Wall
4760-CBS0018	Circuit Breaker Starter, Room 116, N. Wall
4760-CBS0019	Circuit Breaker Starter, Room 116, N. Wall
4760-CHLR0001	Water Chiller, Rm 122/Rm E02
4760-CHLR0002	Water Chiller, NE Corner Outside
4760-CHWP0001	Chill Water Pump, Rm 122/Rm E02 - Disconnect room E2
4760-DOOR0001	Roll-Up Door, Southwest Corner Rm 102 - Disconnect at door
4760-DOOR0002	Roll-Up Door, Southeast Corner Rm 102 - Disconnect at door
4760-DOOR0003	Roll-Up Door, North End Rm 101 - Disconnect at door
4760-DOOR0004	Roll-Up Door, Northeast Corner Room 102 - Disconnect at door
4760-DOOR0005	Roll-Up Door, Southwest Corner Rm 102 - Disconnect at door
4760-DOOR0006	Roll-Up Door, East Wall Rm 116 - Disconnect at door
4760-DXAC0001	Direct Expansion AC Unit, Over Rm 118 - Disconnect at unit
4760-DXAC0001	Direct Expansion AC Unit, Over Rm 118 - Disconnect at unit
4760-DXAC0002	Direct Expansion AC Unit, Over Rm 103 - Disconnect at unit
4760-DXAC0002	Direct Expansion AC Unit, Over Rm 103 - Disconnect at unit
4760-DXAC0003	Direct Expansion AC Unit, - Disconnect at unit
4760-DXAC0003	Direct Expansion AC Unit, - Disconnect at unit
4760-DXAC0004	Direct Expansion AC Unit, Over Rm 201 - Disconnect at unit
4760-DXAC0004	Direct Expansion AC Unit, Over Rm 201 - Disconnect at unit
4760-EAF0002	Exhaust Blower Fan, SW Outside - Disconnect at fan motor
4760-EAF0003	Exhaust Blower Fan, Paint Shop, Rm 101 - Disconnect at fan motor
4760-EAF0004	Exhaust Blower Fan, Paint Shop, Rm 101 - Disconnect at fan motor
4760-EAF0005	Exhaust Blower Fan, Paint Shop, Rm 101 - Disconnect at fan motor
4760-EAF0006	Exhaust Blower Fan, Paint Shop, Rm 101 - Disconnect at fan motor
4760-EAF0007	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0008	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0009	Exhaust Blower Fan, Basement - Disconnect at fan motor

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4760-EAF0010	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0011	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0012	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0013	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0014	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0015	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0016	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0017	Fan Exhaust Blower, On Top Of Room 119
4760-EAF0018	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0019	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0020	Exhaust Blower Fan, Basement - Disconnect at fan motor
4760-EAF0021	Exhaust Blower Fan, South Side Outside - Disconnect at fan motor
4760-EAF0022	Exhaust Blower Fan, Outside South - Disconnect at fan motor
4760-EAF0023	Exhaust Blower Fan, Outside South - Disconnect at fan motor
4760-EAF0024	Exhaust Blower Fan, Outside West - Disconnect at fan motor
4760-EAF0025	Exhaust Blower Fan, West Outside - Disconnect at fan motor
4760-EAF0026	Exhaust Blower Fan, Outside West - Disconnect at fan motor
4760-EAF0027	Exhaust Blower Fan, West Outside - Disconnect at fan motor
4760-EW0001	Safety Eyewash, Rm 103
4760-FAS0001	Fire Alarm System, South Wall, Column D
4760-FID0001	Field Interface Device, Rm 116
4760-HST0001	10-Ton Air Hoist, Paint Shop, North Hoist, Rm 101
4760-HST0002	10-Ton Air Hoist, Paint Shop, Center Hoist, Rm 101
4760-HST0003	1-Ton Electric Hoist, Tank Area, Rm 102 - Disconnect at WEST WALL CENTER
4760-HST0004	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at WEST WALL
4760-HST0005	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at WEST WALL
4760-HST0006	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at WEST WALL
4760-HST0007	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at WEST WALL
4760-HST0008	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at WEST WALL
4760-HST0009	1-Ton Electric Hoist, Surface Treat Area, Rm 102 - Disconnect at EAST WALL
4760-HST0010	1/2-Ton Electric Hoist, East End, Upstairs - Disconnect at E.WALL ABOVE STAIRS
4760-HST0011	1/2-Ton Electric Hoist, Plating Shop, Rm 106 - Disconnect at WEST WALL CENTER
4760-HST0012	1/2-Ton Electric Hoist, Plating Shop, Rm 106 - Disconnect at WEST WALL CENTER
4760-HST0013	1/2-Ton Electric Hoist, Plating Shop, Rm 106 - Disconnect at WEST WALL CENTER
4760-HST0014	1/2-Ton Electric Hoist, Bead Blast Rm, Rm 105 - Disconnect at NORTH WALL
4760-HST0015	10-Ton Air Hoist, Paint Shop South Hoist, Rm 101
4760-HUM0001	Humidifier, East End, Over Rm 118 - Disconnect at unit
4760-HUM0002	Humidifier, Room 203 Overhead
4760-HV0001	Heating Vent, East End
4760-HV0002	Heating Vent, Over Tanks, Rm 102
4760-HV0003	Heating Vent, Over Tanks, Rm 102
4760-HV0005	Heating Vent, Over Tanks, Rm 102
4760-HV0006	Heating Vent, Over Tanks, Rm 102
4760-HV0007	Heating Vent, East End
4760-HV0008	Heating Vent, East End
4760-HV0009	Heating Vent, Rm 101 N. Side
4760-HV0010	Heating Vent, Rm 101 S. Side
4760-HWHD0001	Hot Water Heater - Domestic, Rm 109 - Disconnect at heater
4760-LC0001	Lighting Contactor, Room 102, E. Wall
4760-LC0002	Lighting Contactor, Room 102, E. Wall
4760-LC0003	Lighting Contactor, Room 102, E. Wall
4760-LC0004	Lighting Contactor, Room 102, E. Wall
4760-LC0005	Lighting Contactor, Room 102, S. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4760-LTS0001	Emergency Light, Roof, Aviation
4760-LTS0002	Emergency Light, Room 202, Clean Rm.
4760-LTS0003	Emergency Light, Room 202, Clean Rm.
4760-LTS0004	Emergency Light, Room 102, W. Wall
4760-MCC0001	Motor Control Center, Rm 106
4760-MCC0002	Motor Control Center, Rm 106
4760-ODT0001	Oxygen Detection System, Rm 118
4760-PMP0005	Pump Water, West End, Pit
4760-PMP0006	Pump Water, West End, Pit
4760-PMP0007	Pump Water, West End, Pit
4760-PMP0008	Pump Water, West End, Pit
4760-PNL0001	Panel Board, Rm 106
4760-PNL0002	Panel Board, Rm 102
4760-PNL0003	Panel Board, Rm 102, Column 9
4760-PNL0004	Panel Board, Rm 102, Column 10
4760-PNL0005	Panel Board, Rm 106, East Wall
4760-PNL0006	Panel Board, Rm 116
4760-PNL0007	Panel Board, Rm 116
4760-PNL0008	Panel Board, Rm 116
4760-PNL0009	Panel Board, Rm 116
4760-PNL0010	Panel Board, Rm 116, East Wall
4760-PNL0011	Panel Board, Rm 118
4760-PNL0012	Panel Board, Rm 117
4760-PNL0013	Panel Board, Rm 201
4760-PNL0014	Panel Board, Rm 202
4760-PNL0015	Panel Board, Rm 114
4760-PNL0016	Panel Board, Rm 122/Rm E02
4760-PNL0017	Panel Board, Rm 104
4760-PNL0018	Panel Board, Rm 106
4760-PNL0019	Panel Board, Rm 102A
4760-PNL0021	Panel Board, Rm 106, E Wall
4760-PNL0022	Panel Board, Rm 102, W Wall
4760-PNL0023	Panel Board, Rm 102, W Wall
4760-PNL0024	Panel Board, Rm 102, W Wall
4760-RAF0001	Return Air Fan, East End Over 118 - Disconnect in panel - Unit REMOVED
4760-REC0001	Rectifier, Rm 118, East End
4760-REC0002	Rectifier, Rm 118, East End
4760-REC0003	Rectifier, Rm 118, East End
4760-REC0004	Rectifier, Rm 118, East End
4760-REC0005	Rectifier, Rm 118, East End
4760-REC0006	Rectifier, Rm 118, East End
4760-REC0007	Rectifier, Rm 118, East End
4760-REC0008	Rectifier, Rm 118, East End
4760-REC0009	Rectifier, Rm 118, East End
4760-REC0010	Rectifier, Rm 118, East End
4760-REC0011	Rectifier, Rm 118, East End
4760-REC0012	Rectifier, Rm 118, East End
4760-REC0013	Rectifier, Rm 118, East End
4760-REC0014	Rectifier, Rm 118, East End
4760-ROOF0001	Roof, Main, Bldg 4760
4760-ROOF0002	Roof, Bldg 4760
4760-ROOF0003	Roof, Bldg 4760
4760-ROOF0004	Roof, Bldg 4760

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4760-ROOF0005	Roof, Bldg 4760
4760-ROOF0006	Roof, Bldg 4760
4760-ROOF0007	Roof, Bldg 4760
4760-SHEW0001	Safety Shower & Eyewash, East End
4760-SHEW0002	Safety Shower & Eyewash, Plating Shop, Rm 106
4760-SHEW0003	Safety Shower & Eyewash, Plating Shop, Center, Rm 106
4760-SHEW0004	Safety Shower & Eyewash, Plating Shop, South, Rm 106
4760-SHEW0005	Safety Shower & Eyewash, Surface Treatment, Rm 102
4760-SHEW0006	Safety Shower & Eyewash, Paint Shop, Rm 101
4760-SHEW0008	Safety Shower & Eyewash Station, Paint Shop, Rm 101
4760-SPMP0005	Sump Pump, Rm 119 - Disconnect at pump
4760-SPMP0006	Sump Pump, Rm 119 - Disconnect at pump
4760-SPMP001	Sump Pump, Basement - Disconnect at pump
4760-SPMP002	Sump Pump, Basement - Disconnect at pump
4760-SPMP003	Sump Pump, Basement - Disconnect at pump
4760-SPMP004	Sump Pump, Basement - Disconnect at pump
4760-SPMP007	Pump Sump, West End Pit
4760-SPR0001	Sprinkler System, Paint Shop, Rm 101
4760-SPR0002	Sprinkler System, Basement, North Side
4760-SPR0003	Sprinkler System, Paint Shop, Rm 101
4760-SS0001	Safety Switch, Room 102, E. Wall
4760-SS0002	Safety Switch, Room 102, E. Wall
4760-SS0003	Safety Switch, Room 102, E. Wall
4760-SS0004	Safety Switch, Room 102, E. Wall
4760-SS0005	Safety Switch, Room 102, S. Wall
4760-SS0006	Safety Switch, Room 102, S. Wall
4760-SS0007	Safety Switch, Room 102, S. Wall
4760-SS0008	Safety Switch, Room 102, S Wall
4760-SS0009	Safety Switch, Room 102, S. Wall
4760-SS0010	Safety Switch, Room 102, S. Wall
4760-SS0011	Safety Switch, Room 102, S. Wall
4760-SS0012	Safety Switch, Room 102, W. Wall
4760-SS0013	Safety Switch, Room 102, Basement
4760-SS0014	Safety Switch, Room 102, Basement
4760-SS0015	Safety Switch, Room 102, Basement
4760-SS0016	Safety Switch, Room 102, Basement
4760-SS0017	Safety Switch, Room 102, Clean Rm.
4760-SS0018	Safety Switch, Room 102, Basement
4760-SS0019	Safety Switch, Room 102, Clean Rm.
4760-SS0020	Safety Switch, Room 102, Clean Rm.
4760-SS0021	Safety Switch, Room 102, Clean Rm.
4760-SS0022	Safety Switch, Room 102, Clean Rm.
4760-SS0023	Safety Switch, Room 105, N. Wall
4760-SS0024	Safety Switch, Room 105, N. Wall
4760-SS0025	Safety Switch, Room 105, E. Wall
4760-SS0026	Safety Switch, Room 105, E. Wall
4760-SS0027	Safety Switch, Room 105, E. Wall
4760-SS0028	Safety Switch, Room 105, E. Wall
4760-SS0029	Safety Switch, Room 105, N. Wall
4760-SS0030	Safety Switch, Room 106, E. Wall
4760-SS0031	Safety Switch, Room 106, N. Wall
4760-SS0032	Safety Switch, Room 106, N. Wall
4760-SS0033	Safety Switch, Room 106, N. Wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4760-SS0034	Safety Switch, Room 106, E. Wall
4760-SS0035	Safety Switch, Room 106, E. Wall
4760-SS0036	Safety Switch, Room 106, E. Wall
4760-SS0037	Safety Switch, Room 106, E. Wall
4760-SS0038	Safety Switch, Room 116, W. Wall
4760-SS0039	Safety Switch, Room 116, W. Wall
4760-SS0040	Safety Switch, Room 116, W. Wall
4760-SS0041	Safety Switch, Room 116, W. Wall
4760-SS0042	Safety Switch, Room 116, W. Wall
4760-SS0043	Safety Switch, Room 116, W. Wall
4760-SS0044	Safety Switch, Room 119, W. Wall
4760-SS0045	Safety Switch, Room 119, W. Wall
4760-SS0046	Safety Switch, Room 116, N. Wall
4760-SS0047	Safety Switch, Room 113, N. Wall
4760-SS0048	Safety Switch, Room 113, N. Wall
4760-SS0049	Safety Switch, Room 113, N. Wall
4760-SS0050	Safety Switch, Room 113, N. Wall
4760-SS0051	Safety Switch, Room 113, N. Wall
4760-SS0052	Safety Switch, Room 113, N. Wall
4760-SS0053	Safety Switch, Room 116, N. Wall
4760-SS0054	Safety Switch, Room 116, N. Wall
4760-SS0055	Safety Switch, Room 109
4760-SS0056	Safety Switch, Room 114, E-01, S. Wall
4760-SS0057	Safety Switch, Hv-1, Penthouse
4760-SS0058	Safety Switch, Hv-2, Penthouse
4760-SS0059	Safety Switch, Hv-3, Penthouse
4760-SS0060	Safety Switch, Hv-5, Penthouse
4760-SS0061	Safety Switch, Hv-6, Penthouse
4760-SS0062	Safety Switch, Hv-7, Penthouse
4760-SS0063	Safety Switch, Hv-8, Penthouse
4760-SS0064	Safety Switch, N. Outside
4760-SS0065	Safety Switch, W. Outside
4760-SS0066	Safety Switch, W. Outside
4760-SS0067	Safety Switch, W. Outside
4760-SS0068	Safety Switch, W. Outside
4760-SS0069	Safety Switch, W. Outside
4760-SS0070	Safety Switch, S. Outside
4760-SS0071	Safety Switch, S. Outside
4760-SS0072	Safety Switch, S. Outside
4760-SS0073	Safety Switch, S. Outside
4760-SS0074	Safety Switch, S. Outside
4760-SS0075	Safety Switch, S. Outside
4760-SS0076	Safety Switch, S. Side, By Chiller
4760-SS0077	Safety Switch, S. Side, By Chiller
4760-SS0078	Safety Switch, S. Side, By Chiller
4760-SS0079	Safety Switch, E. Outside
4760-SS0080	Safety Switch, E. Outside
4760-SS0081	Safety Switch, E. Outside
4760-SS0082	Safety Switch, N. Outside
4760-SS0083	Safety Switch, N. Outside
4760-SS0084	Safety Switch, N. Outside
4760-SS0085	Safety Switch, N. Outside
4760-SS0087	Safety Switch, Room 116, N. Roof

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4760-SS0088	Safety Switch, Room 116, N. Roof
4760-SS0089	Safety Switch, Room 105A
4760-SSS0001	Starter Safety Switch, Room 102, N. Wall
4760-SSS0002	Starter Safety Switch, Room 117, N. Wall
4760-SSS0003	Starter Safety Switch, Room 106, E. Wall
4760-SSS0004	Starter Safety Switch, Room 106, S. Wall
4760-SSS0005	Starter Safety Switch, Room 113, N. Wall
4760-SSS0006	Starter Safety Switch, Room 113, N. Wall
4760-SSS0007	Starter Safety Switch, Room 113, N. Wall
4760-STRT0001	Starter, Room 102, E. Wall
4760-STRT0002	Starter, Room 102, Basement
4760-STRT0003	Starter, Room 102, Basement
4760-STRT0004	Starter, Room 102, Basement
4760-STRT0005	Starter, Room 105, N. Wall
4760-STRT0006	Starter, Room 105, N. Wall
4760-STRT0007	Starter, Room 105, E. Wall
4760-STRT0008	Starter, Room 105, S. Wall
4760-STRT0009	Starter, Room 105, S. Wall
4760-STRT0010	Starter, Room 106, E. Wall
4760-STRT0011	Starter, Room 106, E. Wall
4760-STRT0012	Starter, Room 106, E. Wall
4760-STRT0013	Starter, Room 103, E. Wall
4760-STRT0014	Starter, Room 116, W. Wall
4760-STRT0015	Starter, Room 116, W. Wall
4760-STRT0016	Starter, Room 116, W. Wall
4760-STRT0017	Starter, Room 119, W. Wall
4760-STRT0018	Starter, Room 117, S. Wall
4760-STRT0019	Starter, Room 101, Ne
4760-STRT0020	Starter, Room 101, Ne
4760-STRT0021	Starter, Room 101, Ne
4760-STRT0022	Starter, Room 101, Ne
4760-STRT0023	Starter, Room 101, Ne
4760-STRT0024	Starter, Room 101, Ne
4760-STRT0025	Starter, Room 101, Ne
4760-STRT0026	Starter, Room 101, Ne
4760-STRT0027	Starter, Room 101, Ne
4760-STRT0028	Starter, Room 101, Ne
4760-STRT0029	Starter, Room 101, Ne
4760-STRT0030	Starter, Room 101, Ne
4760-STRT0031	Starter, Room 101, Ne
4760-STRT0032	Starter, Room 101, Ne
4760-STRT0033	Starter, Room 101, Ne
4760-STRT0034	Starter, Room 101, Ne
4760-STRT0035	Starter, Room 101, Ne
4760-STRT0036	Starter, Room 101, Ne
4760-STRT0037	Starter, Room 101, Ne
4760-STRT0038	Starter, Room 101, Ne
4760-STRT0039	Starter, Room 101, Ne
4760-STRT0040	Starter, Room 101, Ne
4760-STRT0041	Starter, S. Side, By Chiller
4760-STRT0042	Starter, S. Side, By Chiller
4760-SUB0001	Substation, SE Corner
4760-UH0001	Unit Heater Steam, Rm 102

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4760-UH0002	Unit Heater Steam, Rm 102
4760-UH0003	Unit Heater Steam, Rm 102
4760-UH0004	Unit Heater Steam, Rm 102
4760-UH0005	Unit Heater Steam, Rm 105
4760-UH0006	Unit Heater Steam, Rm 106
4760-UH0007	Unit Heater Steam, Rm 106
4760-UH0008	Unit Heater Steam, Rm 119
4760-UH0009	Unit Heater Steam, Rm 113
4760-UH0010	Unit Heater Steam, Rm 114
4760-UH0011	Unit Heater Steam, Rm 101 N
4760-UH0012	Unit Heater Steam, Rm 101 S
4760-UH0013	Unit Heater Steam, Rm 122
4760-XFMR0001	Transformer, Rm 106
4760-XFMR0002	Transformer, Rm 106
4760-XFMR0003	Transformer, Rm 108
4760-XFMR0004	Transformer, Room 113, N. Wall
4760-XFMR0005	Transformer, Room 102, Nw. Wall
4761-ACMP0001	Air Compressor Control, Rm 102/Rm E02 - Disconnect room E2
4761-ACMP0002	Air Compressor Control, Rm 102/Rm E02 - Disconnect room E2
4761-ADRY0001	Air Dryer, Rm 102/Rm E02 - Disconnect room E2
4761-ADRY0002	Air Dryer, Rm 102/Rm E02 - Disconnect room E2
4761-AH0001	Air Handling Unit, Roof - Disconnect on unit
4761-ATS0001	Auto Transfer Switch, Rm 105/Rm E01
4761-BFP0001	Back Flow Preventer - Plant Water, Rm 107
4761-BFP0002	Back Flow Preventer - Plant Water, Rm 102/Rm E02
4761-CBP0001	Circuit Breaker Panel, Room E-03
4761-CBP0002	Circuit Breaker Panel, Room E-03
4761-CBP0003	Circuit Breaker Panel, Room E-03
4761-COIL001A	Chilled Water Coil, AH0001, Roof
4761-COIL001B	Hot Water/Steam Coil, AH0001, Roof
4761-CONT0001	Contact, Room E-01
4761-DOOR0001	Roll-Up Door, West Side, Rm 101 - Disconnect at door
4761-DXAC0001	Direct Expansion AC Unit, Rm 101 - Disconnect at unit
4761-EAF0001	Exhaust Blower Fan, Roof - Disconnect at fan motor
4761-EAF0002	Exhaust Blower Fan, Roof - Disconnect at fan motor
4761-EAF0003	Exhaust Blower Fan, Roof - Disconnect at fan motor
4761-EAF0004	Exhaust Blower Fan, Roof - Disconnect at fan motor
4761-EAF0005	Exhaust Blower Fan, Roof - Disconnect at fan motor
4761-FAS0001	Fire Alarm System, Control Room
4761-GEN0001	Emergency Generator, High Bay, Rm 101
4761-HTR0001	Heater Unit, Rest Room - Disconnect at unit
4761-HWHD0001	Hot Water Heater - Domestic, Rm 101 - Disconnect at heater
4761-LTS0001	Emergency Lighting - Control Rm
4761-LTS0002	Emergency Lighting - High Bay N, Rm 101
4761-LTS0003	Emergency Lighting - High Bay S, Rm 101
4761-MCC0001	Motor Control Center, Rm 105/Rm E01
4761-MON0001	Chlorine Monitor, Rm 106
4761-MON0002	Sulfur Dioxide Monitor
4761-MTR0001	Motor, Rm 108/Rm E03 - Disconnect in room E3
4761-MTR0002	Motor, Rm 108/Rm E03 - Disconnect in room E3
4761-PMP0001	Lime Pump, Rm E03 - Disconnect in room E3
4761-PMP0002	Circulating Lime Pump, Rm E03 - Disconnect in room E3
4761-PMP0003	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4761-PMP0004	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0005	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0006	Mixer Pump - Disconnect rm 110
4761-PMP0007	Mixer Pump - Disconnect rm 110
4761-PMP0008	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0009	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0010	Mixer Pump - Disconnect rm 120
4761-PMP0011	Mixer Pump - Disconnect rm 120
4761-PMP0012	Mixer Pump, Rm E03 - Disconnect rm E 3
4761-PMP0013	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0014	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0015	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0016	Mixer Pump, High Bay, Center, Rm 101 - Disconnect east wall
4761-PMP0017	Sludge Pump, High Bay, NW End, Rm 101 - Disconnect at pump
4761-PMP0018	Sludge Pump, High Bay, West End, Rm 101 - Disconnect at pump
4761-PMP0019	Sludge Pump, High Bay, West End, Rm 101 - Disconnect at pump
4761-PMP0020	Sulfuric Acid Pump, High Bay, SW, Rm 101
4761-PMP0021	Sulfuric Acid Pump, High Bay, SE Wall, Rm 101
4761-PMP0022	Transfer Pump, High Bay, North Side, Rm 101 - Disconnect at pump
4761-PMP0023	Transfer Pump, High Bay, North Side, Rm 101 - Disconnect at pump
4761-PMP0024	Transfer Pump, High Bay, NW Side, Rm 101 - Disconnect at pump
4761-PMP0025	Transfer Pump, High Bay, NW Side, Rm 101 - Disconnect at pump
4761-PNL0001	Panel Board, Rm 105/Rm E01
4761-PNL0002	Panel Board, Rm 105/Rm E01
4761-PNL0003	Panel Board, Rm E01
4761-PNL0004	Panel Board, Outside, North
4761-PP0001	Panel Board - Power, Rm 105/Rm E01
4761-ROOF0001	Roof, Main, Bldg 4761
4761-ROOF0002	Roof, Bldg 4761
4761-SHEW0001	Safety Shower & Eyewash, Rm 105/Rm E01
4761-SHEW0002	Safety Shower & Eyewash, High Bay, Center, Rm 101
4761-SHEW0003	Safety Shower & Eyewash
4761-SHEW0004	Safety Shower & Eyewash, High Bay, SE Wall, Rm 101
4761-SHEW0005	Safety Shower & Eyewash, High Bay, NW Side, Rm 101
4761-SHEW0006	Safety Shower & Eyewash, High Bay, Center, Rm 101
4761-SHEW0007	Safety Shower & Eyewash, South Pit
4761-SHEW0008	Safety Shower & Eyewash, Inside silo in S Pit
4761-SHEW0009	Safety Shower & Eyewash, North Pit
4761-SS0001	Safety Switch, Room 102
4761-SS0002	Safety Switch, Room 106
4761-SS0003	Safety Switch, Room 106
4761-SS0004	Safety Switch, Room 107
4761-SS0005	Safety Switch, Room 107
4761-SS0006	Safety Switch, High Bay, Ctr. Area
4761-SS0007	Safety Switch, High Bay, Ctr. Area
4761-SS0008	Safety Switch, High Bay, Upper Area
4761-SS0009	Safety Switch, High Bay, Upper Area
4761-SS0010	Safety Switch, High Bay, Upper Area
4761-SS0011	Safety Switch, High Bay, Upper Area
4761-SS0012	Safety Switch, Outside, Paint Silo
4761-SS0013	Safety Switch, Outside, Lime Silo
4761-STRT0001	Starter, Room 107
4761-STRT0002	Starter, Outside, North

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4761-STRT0003	Starter, Outside, North
4761-TMR0001	Timer, Room E-01
4761-UPS0001	UPS Power System, Rm 105/Rm E01
4761-XFMR0001	Transformer, Rm 105/Rm E01
4761-XFMR0002	Transformer, Rm 105/Rm E01
4765-CBP0001	Circuit Breaker Panel, Room 109, E-01
4765-DOOR0001	Auto Roll-Up Door, West Side - Disconnect at door
4765-DXAC0001	Direct Expansion AC Unit, Rm 109/Rm E01, South Outside - Disconnect at unit
4765-DXAC0001	Direct Expansion AC Unit, Rm 109/Rm E01, South Outside - Disconnect at unit
4765-DXAC0002	Direct Expansion AC Unit, Rm 109/Rm E01, South Outside - Disconnect at unit
4765-DXAC0002	Direct Expansion AC Unit, Rm 109/Rm E01, South Outside - Disconnect at unit
4765-FAS0001	Fire Alarm System, Room E01 South Outside
4765-HST0001	1/2 Ton Electric Chain Hoist, High Bay, NW Wall, Rm 101 - Disconnect at NORTH WALL
4765-HST0002	1/2 Ton Electric Chain Hoist, High Bay, NE Wall, Rm 101 - Disconnect at NORTH WALL
4765-HST0003	1/2 Ton Electric Chain Hoist, High Bay, SE Wall, Rm 101 - Disconnect at NORTH WALL
4765-HTR0001	Unit Heater, Steam, E-1
4765-LTS0001	Emergency Lighting - Rm 101, S Wall
4765-LTS0002	Emergency Lighting - Rm 101, S Wall
4765-LTS0003	Emergency Lighting - Rm 101, N Wall
4765-LTS0004	Emergency Lighting - Rm 101, N Wall
4765-PNL0001	Panel Board, Rm 109/Rm E01, South Outside
4765-PNL0002	Panel Board, High Bay, South Wall, Rm 101
4765-PNL0003	Panel Board, High Bay, North Wall, Rm 101
4765-PNL0004	Panel Board, Rm 109/Rm E01, South Outside
4765-ROOF0001	Roof, Main, Bldg 4765
4765-ROOF0002	Roof, Bldg 4765
4765-ROOF0003	Roof, Bldg 4765
4765-SHEW0001	Safety Shower and Eyewash, High Bay, Rm 101
4765-SPR0001	Sprinkler System, High Bay, Rm 101
4765-SS0001	Safety Switch, Room 101, W. Wall
4765-SS0002	Safety Switch, Room 101, S. Wall
4765-SS0003	Safety Switch, Room 101, S. Wall
4765-SS0004	Safety Switch, Room 101, S. Wall
4765-SS0005	Safety Switch, Room 101, W. Wall
4765-SS0006	Safety Switch, Room 101, N. Wall
4765-SS0007	Safety Switch, Room 101, N. Wall
4765-SS0008	Safety Switch, Outside, South
4765-SS0009	Safety Switch, Outside, South
4765-SS0010	Safety Switch, Room 109, E-01
4765-SS0011	Safety Switch, Room 109, E-01
4765-STRT0001	Starter, Room 109, E-01
4765-STRT0002	Starter, Room 109, E-01
4765-XFMR0001	Transformer, High Bay, North Wall, Rm 101
4765-XFMR0002	Transformer, Rm 109/Rm E01, South Outside
4767-AH0001	Air Handling Unit, South Side, Outside
4767-COIL001A	Chilled Water Coil, AH0001, South Outside
4767-COIL001B	Hot Water/Steam Coil, AH0001, South Outside
4767-DXAC0001	Condensing Unit,
4767-DXAC0001	Condensing Unit,
4767-EW0001	Safety Eye Wash, Rm 1
4767-HST0001	Air Hoist 750 lbs., South Bay
4767-PNL0001	Panel Board, E-01
4767-PNL0002	Panel Board, E-01

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4767-PNL0012	Panel Board, E-01
4767-ROOF0001	Roof, Main, Bldg 4767
4767-ROOF0002	Roof, Bldg 4767
4767-SHEW0001	Safety Shower & Eyewash, Rm 3
4767-SS0004	Safety Switch, East Outside
4767-SS0005	Safety Switch, East Outside
4767-SS0006	Safety Switch, East Outside
4767-SS0007	Safety Switch, East Outside
4767-SS0008	Safety Switch, East Outside
4767-SS0009	Safety Switch, East Outside
4767-SS0010	Safety Switch, North Room
4767-SS0011	Safety Switch, E-01
4767-SS0012	Safety Switch, E-01
4767-SS0013	Safety Switch, E-01
4767-SS0014	Safety Switch, E-01
4767-SS0015	Safety Switch, E-01
4767-SS0016	Safety Switch, E-01
4767-SSS0001	Starter Safety Switch, North Room
4767-SSS0002	Starter Safety Switch, West Outside
4767-STRT0001	Starter, South Room
4767-STRT0002	Starter, South Room
4767-STRT0003	Starter, South Room
4767-XFMR0001	Transformer, E-01
4767-XFMR0002	Transformer, E-01
4767-XFMR0011	Transformer, E-01
4767-XFMR0012	Transformer, E-01
4771-ABLR0001	INDIAN CREEK WASTE WATER TREATMENT AEREATOR
4771-MON0001	INDIAN CREEK WASTE WATER SULFITE MONITOR
4771-PMP0001	I.C. Waste Water Treatment Electronic Metering Pmp
4774-ACMP0001	Air Compressor, S Side Outside - Disconnect at compressor
4774-ADRY0001	Air Dryer, Inside SE Corner
4774-DOOR0001	Automatic Roll-up Door, East Side, Rm 100 - Disconnect at door
4774-DOOR0002	Automatic Roll-up Door, West Side, Rm 100 - Disconnect at door
4774-DXAC0001	Direct Expansion Unit, South Side - Disconnect at unit
4774-DXAC0001	Direct Expansion Unit, South Side - Disconnect at unit
4774-EW0001	Safety Eye Wash, East Wall
4774-LTS0001	Emergency Lighting - High Bay N, Rm 100
4774-LTS0002	Emergency Lighting - High Bay S, Rm 100
4774-PNL0001	Panel Board, South Wall
4774-PNL0002	Panel Board, South Wall
4774-PNL0003	Panel Board, South Wall
4774-ROOF0001	Roof, Main, Bldg 4774
4774-SS0001	Safety Switch, South Wall
4774-SS0002	Safety Switch, North Wall
4774-SS0003	Safety Switch, North Wall
4774-SS0004	Safety Switch, Outside, South
4774-SS0005	Safety Switch, Outside, South
4774-STRT0001	Starter, South Wall
4774-STRT0002	Starter, South Wall
4774-STRT0003	Starter, South Wall
4774-XFMR0001	Transformer, South Wall
4775-DOOR0001	Roll-Up Door, South Side - Disconnect at door
4775-DOOR0002	Roll-Up Door, South Side Inside - Disconnect at door

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4775-DXAC0001	Direct Expansion AC Unit, Rm 106 - Disconnect at unit
4775-DXAC0002	Direct Expansion AC Unit, Rm 106 - Disconnect at unit
4775-EAF0001	Exhaust Blower Fan, High Bay, West Wall, Rm 101 - Disconnect at fan motor
4775-EAF0002	Exhaust Blower Fan, High Bay, West Wall, Rm 101 - Disconnect at fan motor
4775-FAS0001	Fire Alarm System, North Entrance
4775-HST0001	1-Ton Air Hoist, High Bay, Bridge C, Rm 101 - Disconnect at WEST WALL
4775-HST0002	1-Ton Chain Hoist, Rm 106
4775-HST0003	16-Ton Electric Hoist, High Bay, Rm 101 - Disconnect at NORTH WALL (HOIST)
4775-HWHD0001	Hot Water Heater - Domestic, Rm 103 - Disconnect at heater
4775-LTS0001	Emergency Lighting - EL-035
4775-LTS0002	Emergency Lighting - EL-028 High Bay, Rm 101
4775-PNL0001	Panel Board, High Bay, North Wall, Rm 101
4775-PNL0002	Panel Board, High Bay, North Wall, Rm 101
4775-PNL0003	Panel Board, High Bay, North Wall, Rm 101
4775-ROOF0001	Roof, Main, Bldg 4775
4775-ROOF0002	Roof, Bldg 4775
4775-SS0001	Safety Switch, High Bay, W. Wall
4775-SS0002	Safety Switch, High Bay, W. Wall
4775-SS0003	Safety Switch, High Bay, W. Wall
4775-SS0004	Safety Switch, High Bay, Ctr. Colm.
4775-SS0005	Safety Switch, High Bay, W. Wall
4775-SS0006	Safety Switch, High Bay, W. Wall
4775-SS0007	Safety Switch, Room 105
4775-SS0008	Safety Switch, High Bay, N. Wall
4775-SS0009	Safety Switch, High Bay, N. Wall
4775-SS0010	Safety Switch, High Bay, N. Wall
4775-SS0011	Safety Switch, High Bay, E. Wall
4775-SS0012	Safety Switch, High Bay, E. Wall
4775-SS0013	Safety Switch, High Bay, E. Wall
4775-STRT0001	Starter, High Bay, S. Wall
4775-STRT0002	Starter, High Bay, N. Wall
4775-STRT0003	Starter, High Bay, N. Wall
4775-STRT0004	Starter, High Bay, N. Wall
4775-STRT0005	Starter, High Bay, N. Wall
4775-STRT0006	Starter, High Bay, N. Wall
4775-STRT0007	Starter, High Bay, N. Wall
4775-STRT0008	Starter, High Bay, N. Wall
4775-STRT0009	Starter, High Bay, N. Wall
4775-STRT0010	Starter, High Bay, N. Wall
4775-SUB0001	Substation, West Side
4775-UH0001	Electric Unit Heater, Ne Corner, High Bay
4775-UH0002	Electric Unit Heater, Sw Corner High Bay
4775-UH0003	Electric Unit Heater, Se Corner, High Bay
4775-UH0004	Electric Unit Heater, Nw Corner, High Bay
4775-XFMR0001	Transformer, High Bay, North Wall, Rm 101
4776-BLR0001	Steam Boiler, NE Corner, Bldg 4776 - Disconnect at boiler
4776-DOOR0001	Roll-Up Door, East Side - Disconnect at door
4776-DOOR0002	Roll-Up Door, East Side - Disconnect at door
4776-DXAC0001	Direct Expansion AC Unit, West Side - Disconnect at unit
4776-DXAC0002	Direct Expansion AC Unit, South Side - Disconnect at unit
4776-EW0001	Safety Eyewash, Rm 104, E-1
4776-FAS0001	Fire Alarm System, Rm 101, East wall
4776-FWP0001	Feed Water Pump, Rm 104 - Disconnect at electrical panel

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4776-HP0001	Heat Pump, East Side, Outside - Disconnect at unit
4776-HST0001	1-Ton Chain Hoist, Control Platform
4776-HST0002	1-Ton Chain Hoist, Control Platform
4776-HTR0001	Unit Heater, Steam, S. Wall, Inside
4776-LTS0001	Emergency Lighting, Room 103, N. Wall
4776-LTS0002	Emergency Lighting, Room 103, W. Wall
4776-ODT0001	Oxygen Detection System, SE Corner Inside
4776-PNL0001	Panel Board, Rm 103 West Wall
4776-PNL0002	Panel Board, Rm 103
4776-PNL0003	Panel Board, Rm 104/Rm E01
4776-PNL0004	Panel Board, Rm 104/Rm E01
4776-PNL0005	Panel Board, Rm 103
4776-ROOF0001	Roof, Main, Bldg 4776
4776-ROOF0002	Roof, Bldg 4776
4776-ROOF0003	Roof, Bldg 4776
4776-SHEW0001	Safety Shower & Eyewash, SE Corner Outside
4776-SS0001	Safety Switch, Outside, East
4776-SS0002	Safety Switch, Outside, South
4776-SS0003	Safety Switch, Outside, South
4776-SS0004	Safety Switch, Outside, West
4776-SS0005	Safety Switch, Room 103, E. Wall
4776-SS0006	Safety Switch, Room 103, S. Wall
4776-SS0007	Safety Switch, Room 103, S. Wall
4776-SS0008	Safety Switch, Room 103, S. Wall
4776-SS0009	Safety Switch, Room 103, S. Wall
4776-SS0010	Safety Switch, Room 103, W. Wall
4776-SS0011	Safety Switch, Room 103, W. Wall
4776-SS0012	Safety Switch, Room 103, W. Wall
4776-SS0013	Safety Switch, Room 103, W. Wall
4776-SS0014	Safety Switch, Room 103, W. Wall
4776-SS0015	Safety Switch, Room 103, W. Wall
4776-SS0016	Safety Switch, Room 103, W. Wall
4776-SS0017	Safety Switch, Room 103, W. Wall
4776-SS0018	Safety Switch, Room 103, W. Wall
4776-SS0019	Safety Switch, Room 103, W. Wall
4776-SS0020	Safety Switch, Room 103, W. Wall
4776-SS0021	Safety Switch, Room 103, N. Wall
4776-SS0022	Safety Switch, Room 103, N. Wall
4776-SS0023	Safety Switch, Office Ceiling Ac
4776-SS0024	Safety Switch, Room E1, E. Wall
4776-SS0025	Safety Switch, Room 103, Ctr. Colm.
4776-SS0026	Safety Switch, Room 103, Ctr. Colm.
4776-SS0027	Safety Switch, Used Oil Tank
4776-SS0028	Safety Switch, Pole At Used Oil Tank
4776-SSS0001	Starter Safety Switch, Room 103, W. Wall
4776-SSS0002	Starter Safety Switch, Room 103, W. Wall
4776-SSS0003	Starter Safety Switch, Used Oil Tank
4776-STRT0001	Starter, Room 103, W. Wall
4776-STRT0002	Starter, Room 103, W. Wall
4776-STRT0003	Starter, Room 103, W. Wall
4776-STRT0004	Starter, Room 103, W. Wall
4776-STRT0005	Starter, Room 103, W. Wall
4776-WSFT0001	Water Softener

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
4776-XFMR0001	Transformer, Rm 103
4776-XFMR0002	Transformer, Rm 104/Rm E01
4776-XFMR0003	Transformer, Rm 104/Rm E01
4776-XFMR0004	Transformer, Room 103, W. Wall
4777-CBP0001	Circuit Breaker Panel, Rm. 102, E. Wall
4777-CBP0002	Circuit Breaker Panel, Rm. 102, N. Wall
4777-CBS0001	Circuit Breaker Starter, Rm. 100, E. Wall
4777-CBS0002	Circuit Breaker Starter, Rm. 100, E. Wall
4777-CBS0003	Circuit Breaker Starter, Rm. 100, S. Wall
4777-CBS0004	Circuit Breaker Starter, Rm. 102, S. Wall
4777-CBS0005	Circuit Breaker Starter, Rm. 102, S. Wall
4777-CBS0006	Circuit Breaker Starter, Rm. 102, S. Wall
4777-CBS0007	Circuit Breaker Starter, Rear Yard, Rm. 2
4777-CONT0001	Contactor, Rm. 102, N. Wall
4777-CRN0001	3-Ton Bridge Crane, South High Bay, Rm 102 - Disconnect at NORTH WALL
4777-DOOR0001	Roll-Up Door, West Side - Disconnect at door
4777-DOOR0002	Roll-Up Door, West Side - Disconnect at door
4777-DOOR0003	Roll-Up Door, West Side - Disconnect at door
4777-DXAC0001	Direct Expansion AC Unit, Rm 101 - Disconnect at unit
4777-DXAC0001	Direct Expansion AC Unit, Rm 101 - Disconnect at unit
4777-DXAC0002	Direct Expansion AC Unit, Rm 101 - Disconnect at unit
4777-DXAC0002	Direct Expansion AC Unit, Rm 101 - Disconnect at unit
4777-DXAC0003	Direct Expansion AC Unit, North Outside - Disconnect at unit
4777-FAS0001	Fire Alarm System, Rm 101 South Wall
4777-HST0001	1-Ton/ 4-Ton Hoist, North High Bay, Rm 100 - Disconnect at WEST WALL (BRIDGE)
4777-HST0002	3-Ton Chain Hoist, Rm 100
4777-HST0003	5-Ton Chain Hoist, Center High Bay, Rm 101 - Disconnect at EAST WALL
4777-HWHD0001	Hot Water Heater, South High Bay, Over Rm 102 - Disconnect at heater
4777-LTS0001	Emergency Lighting - EL-025 101
4777-LTS0002	Emergency Lighting - EL-026 101A
4777-LTS0003	Emergency Lighting - EL-0267 Center High Bay, Rm 101
4777-LTS0004	Emergency Lighting - EL-023 100
4777-ODT0001	Oxygen Detection System, South High Bay, Rm 102
4777-ODT0002	Oxygen Detection System, North High Bay, Rm 100
4777-ODT0003	Oxygen Detection System, Center High Bay, Rm 101
4777-ODT0004	Oxygen Detection System, Room 101A
4777-PNL0001	Panel Board, Rm 100A
4777-PNL0002	Panel Board, Rm 100, West Wall
4777-PNL0003	Panel Board, Rm 100 West Wall
4777-PNL0004	Panel Board, Rm 100 East Wall
4777-PNL0005	Panel Board, Rm 101 South Wall
4777-PNL0006	Panel Board, Rm 102, North Wall
4777-PNL0007	Panel Board, Rm 102 East Wall
4777-PNL0008	Panel Board, Rm 100 East Wall
4777-PNL0009	Panel Board, Rm 101 West Wall
4777-PNL0010	Panel Board, Rm 101 Office
4777-PNL0011	Panel Board, Rm 102 East Wall
4777-ROOF0001	Roof, Main, Bldg 4777
4777-SS0001	Safety Switch, Rm. 100, N. Wall
4777-SS0002	Safety Switch, Rm. 101, E. Wall
4777-SS0003	Safety Switch, Rm. 101, N. Wall
4777-SS0004	Safety Switch, Rm. 101A, Roof
4777-SS0005	Safety Switch, Rm. 101A, Roof

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
4777-SS0006	Safety Switch, Rm. 102, N. Wall
4777-SS0007	Safety Switch, Rm. 102, N. Wall
4777-SS0008	Safety Switch, Rm. 102, N. Wall
4777-SS0009	Safety Switch, East, Outside
4777-SS0010	Safety Switch, East, Outside
4777-SS0011	Safety Switch, South, Outside
4777-SS0012	Safety Switch, South, Outside
4777-SS0013	Safety Switch, South, Outside
4777-SS0014	Safety Switch, South, Outside
4777-SS0015	Safety Switch, South, Outside
4777-SS0016	Safety Switch, South, Outside
4777-SS0017	Safety Switch, South, Outside
4777-SS0018	Safety Switch, North, Outside
4777-STRT0001	Starter, Rm. 102, N. Wall
4777-STRT0002	Starter, Rm. 102, E. Wall
4777-STRT0003	Starter, Rm. 102, E. Wall
4777-STRT0004	Starter, Rm. 102, E. Wall
4777-STRT0005	Starter, Rm. 102, E. Wall
4777-SUB0001	Substation, West Side of Bldg 4777
4777-UH0001	Steam Unit Heater, Room 101
4777-UH0002	Steam Unit Heater, Room 101
4777-UH0003	Steam Unit Heater, Room 101
4777-UH0004	Steam Unit Heater, Room 100
4777-UH0005	Steam Unit Heater, Room 100
4777-UH0006	Steam Unit Heater, Room 100
4777-UH0007	Steam Unit Heater, Room 100
4777-XFMR0001	Transformer, Rm 102 East Wall
4777-XFMR0002	Transformer, Rm 102, North Wall
4777-XFMR0003	Transformer, Rm. 100A, Roof
4777-XFMR0004	Transformer, Rm. 101, S. Wall
4777-XFMR0005	Transformer, Rm. 101, S. Wall
4823-PMP0001	Fuel Pump, Fuel Farm Pit Area
4823-PMP0002	Fuel Pump, Fuel Farm Pit Area
4823-REEL0001	Fuel Farm - Fuel Hose Reel
4823-REEL0002	Fuel Farm - Fuel Hose Reel
7205-PNL0001	Panel Board, Bldg.7205
7205-SS0001	Safety Switch, Bldg.7205
7214-GEN0005	Generator Emergency, Quanset Hut
7214-PNL0001	Panel Board, Inside
7214-SS0001	Safety Switch, Inside
7215-PNL0001	Panel Board, Office
7215-SS0001	Safety Switch, Inside
8010-PNL0001	Panel Board, South Wall
8010-ROOF0001	Roof, Main, Bldg 8010
8010-SS0001	Safety Switch, S.Wall
8010-XFMR0001	Transformer, South Wall
8023-ACMP0001	Air Compressor Controller, Warehouse Area - Disconnect at compressor
8023-ACMP0002	Air Compressor Controller, Material Yard - Disconnect at compressor
8023-CBP0001	Circuit Breaker Panel, East Wall, Center Bay
8023-CBP0002	Circuit Breaker Panel, N.E.Corner, Center Bay
8023-CBP0003	Circuit Breaker Panel, N.E.Corner, Center Bay
8023-CONT0001	Contactor, East Wall, Center Bay
8023-CONT0002	Contactor, N.E.Corner, Center Bay

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
8023-EAF0001	Exhaust Blower Fan, Metal Cutting Area - Disconnect at fan motor
8023-FAS0001	Fire Alarm System, East Wall Center
8023-HTR0001	Gas Heater, High Bay, Rm 103
8023-HWHD0001	Hot Water Heater - Domestic, Mens Rm - Disconnect at heater
8023-LTS0001	Emergency Lighting - Rm 106
8023-LTS0002	Emergency Lighting - High Bay N.E. Corner, Rm 105
8023-LTS0003	Emergency Lighting - High Bay N.E. Corner, Rm 105
8023-LTS0004	Emergency Lighting - High Bay N.W. Corner, Rm 101
8023-LTS0005	Emergency Lighting - High Bay N.W. Corner, Rm 101
8023-LTS0006	Emergency Lighting - High Bay E. End Ship & Recving, Rm 105
8023-LTS0007	Emergency Lighting - High Bay Above R'room, Rm 103
8023-LTS0008	Emergency Lighting - High Bay By Machine Shop, Rm 103
8023-LTS0009	Emergency Lighting - High Bay By Machine Shop, Rm 103
8023-LTS0010	Emergency Lighting - High Bay S., Rm 103
8023-LTS0011	Emergency Lighting - High Bay S.E. Corner, Rm 105
8023-LTS0012	Emergency Lighting - High Bay S.E. Corner, Rm 105
8023-LTS0013	Emergency Lighting - High Bay S.E. Corner, Rm 105
8023-LTS0014	Emergency Lighting - High Bay W., Rm 101
8023-LTS0015	Emergency Lighting - High Bay W. By Channel Iron, Rm 101
8023-LTS0016	Emergency Lighting - High Bay W. By Channel Iron, Rm 101
8023-LTS0017	Emergency Lighting - High Bay Rm 103
8023-LTS0018	Emergency Lighting - High Bay Rm 103
8023-LTS0019	Emergency Lighting - High Bay Rm 103
8023-PNL0001	Panel Board, Rm 103
8023-PNL0002	Panel Board, Rm 103
8023-PNL0003	Panel Board, Rm 103
8023-PNL0004	Panel Board, Rm 101
8023-PNL0005	Panel Board, Rm 105
8023-PNL0006	Panel Board, Rm 105
8023-PNL0007	Panel Board, Rm 103
8023-ROOF0001	Roof, Main, Bldg 8023
8023-ROOF0002	Roof, Bldg 8023
8023-ROOF0003	Roof, Bldg 8023
8023-ROOF0004	Roof, Bldg 8023
8023-ROOF0005	Roof, Bldg 8023
8023-ROOF0006	Roof, Bldg 8023
8023-SS0001	Safety Switch, East Wall, Center Bay
8023-SS0002	Safety Switch, East Wall, Center Bay
8023-SS0003	Safety Switch, East Wall, Center Bay
8023-SS0004	Safety Switch, East Wall, Center Bay
8023-SS0005	Safety Switch, East Wall, Center Bay
8023-SS0006	Safety Switch, East Wall, Center Bay
8023-SS0007	Safety Switch, East Wall, Center Bay
8023-SS0008	Safety Switch, East Wall, Center Bay
8023-SS0009	Safety Switch, East Wall, Center Bay
8023-SS0010	Safety Switch, East Wall, Center Bay
8023-SS0011	Safety Switch, East Wall, Center Bay
8023-SS0012	Safety Switch, East Wall, Center Bay
8023-SS0013	Safety Switch, East Wall, Center Bay
8023-SS0014	Safety Switch, East Wall, Center Bay
8023-SS0015	Safety Switch, East Wall, Center Bay
8023-SS0016	Safety Switch, East Wall, Center Bay
8023-SS0017	Safety Switch, East Wall, Center Bay

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ATTACHMENT J-6
EQUIPMENT LISTING

LOCATION	DESCRIPTION
8023-SS0018	Safety Switch, East Wall, Center Bay
8023-SS0019	Safety Switch, East Wall, Center Bay
8023-SS0020	Safety Switch, East Wall, Center Bay
8023-SS0021	Safety Switch, East Wall, Center Bay
8023-SS0022	Safety Switch, East Wall, Center Bay
8023-SS0023	Safety Switch, East Wall, Center Bay
8023-SS0024	Safety Switch, East Wall, Center Bay
8023-SS0025	Safety Switch, East Wall, Center Bay
8023-SS0026	Safety Switch, East Wall, Center Bay
8023-SS0027	Safety Switch, East Wall, Center Bay
8023-SS0028	Safety Switch, N.E. Corner, Center Bay
8023-SS0029	Safety Switch, N.E. Corner, Center Bay
8023-SS0030	Safety Switch, N.E. Corner, Center Bay
8023-SS0031	Safety Switch, N.E. Corner, Center Bay
8023-SS0033	Safety Switch, N.E. Corner, Center Bay
8023-UH0001	Unit Heater, Electric, Rm 106
8023-UH0002	Unit Heater, Electric, Rm 108
8023-XFMR0001	Transformer, N.E. Corner, Center Bay
8023-XFMR0002	Transformer, North High Bay
8023-XFMR0003	Transformer, North High Bay
8023-XFMR0004	Transformer, North High Bay
8037-LTS0001	Lights, Dock Area
8301-LROD0001	Lightning Protection System, Roof
8302-LROD0001	Lightning Protection System, Roof
8306-LROD0001	Lightning Protection System, Roof
8307-LROD0001	Lightning Protection System, Roof
ARMY-EQUIP	Army Equipment - Equipment that is now Army's
ARMY-EQUIP	Army Equipment - Equipment that is now Army's
ETA-SP0001	East Test Area Steam Pit - West of 4666 (South)
ETA-SP0002	East Test Area Steam Pit - West of 4666 (Center)
ETA-SP0003	East Test Area Steam Pit - West of Entrance Road near Fence (Due West of 4554)
ETA-SP0004	East Test Area Steam Pit - North of 4570
ETA-SP0005	East Test Area Steam Pit - South of 4554
ETA-SP0006	East Test Area Steam Pit - West of 4555
ETA-SP0007	East Test Area Steam Pit - North of 4597
ETA-SP0008	East Test Area Steam Pit - Between 4597 and 4539
ETA-SP0009	East Test Area Steam Pit - East of 4539
ETA-SP0010	East Test Area Steam Pit - North of 4539
ETA-SP0011	East Test Area Steam Pit - North of 4539, across road
ETA-SP0012	East Test Area Steam Pit - North of 4561
ETA-SP0013	East Test Area Steam Pit - South of 4530
ETA-SP0014	East Test Area Steam Pit - East of 4525
ETA-SP0015	East Test Area Steam Pit - South West of 4525, North East of 4550
ETA-SP0016	East Test Area Steam Pit - West of 4524
ETA-SP0017	East Test Area Steam Pit - South East of 4524
ETA-SP0018	East Test Area Steam Pit - South East of 4551, on hill
ETA-SP0019	East Test Area Steam Pit - South East of 4570
ETA-SP0020	East Test Area Steam Pit - South of 4581
LIFT-MCRN0422	LIFT- MOBILE CRANE
LIFT-MCRN0429	LIFT-MOBILE CRANE -12.5 TON
LIFT-MCRN0443	LIFT- MOBILE CRANE -12.5 TONS
LIFT-MCRN0469	LIFT- MOBILE CRANE -4.25 TONS
LIFT-MCRN0475	LIFT- MOBILE CRANE -7.5 TONS

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ATTACHMENT J-6
EQUIPMENT LISTING

<u>LOCATION</u>	<u>DESCRIPTION</u>
LIFT-MCRN0633	LIFT- MOBILE CRANE -30 TONS
LIFT-MCRN0692	LIFT- MOBILE CRANE -65 TONS
LIFT-MCRN0746	LIFT- MOBILE CRANE -60 TONS
LIFT-MCRN0747	LIFT- MOBILE CRANE -200 TONS
LIFT-MCRN0748	LIFT- MOBILE CRANE -120 TONS
LIFT-MCRN0749	LIFT- MOBILE CRANE -360 TONS
LIFT-MCRN0750	LIFT- MOBILE CRANE -18 TONS
LIFT-MCRN0751	LIFT- MOBILE CRANE -50 TONS
LIFT-MCRN0752	LIFT- MOBILE CRANE -15 TONS
LIFT-MCRN0753	LIFT- MOBILE CRANE -40 TONS
LIFT-MCRN0755	LIFT- MOBILE CRANE -9 TONS
LIFT-MCRN0975	LIFT- MOBILE CRANE -12.5 TONS
M1TRAILER-HP001	Heat Pump, Outside - Disconnect at unit
M1YARD	M1-Yard, 4300 Area
M1YARD-ACMP	Air Compressor, Port. Trailer in M1-Yard 4300 Area
SRC-ADRY0001	Space & Rocket Center
T0298-DXAC0001	Direct Expansion AC Unit - Disconnect at unit
T4554-ODT0002	Oxygen Detection System, Trailer East Side of 4554
T4561A-HP0001	Heat Pump, Outside - Disconnect at unit
T4561A-HP0002	Heat Pump, Outside - Disconnect at unit
T4561A-ROOF0001	Roof, Main, Trailer T4561A
T4728-DXAC0001	Direct Expansion AC Unit, Trailer, SW Corner - Disconnect at unit
T4728-GEN0001	Emergency Generator, Trailer, SW Corner
WTA-SP0001	West Test Area Steam Pit - West of 4667
WTA-SP0002	West Test Area Steam Pit - North West of 4667
WTA-SP0003	West Test Area Steam Pit - East of 4675

INSTALLATION ACCOUNTABLE GOVERNMENT PROPERTY

- A. Government Equipment (GE). The Government will make available to the Contractor the GE described below. The equipment will be classified as either Special Purpose or General Purpose. At the end of the phase-in period, the Contractor shall notify the Government of any equipment they do not want to keep.
1. General Purpose Equipment (GPE). General Purpose Equipment which is commercially available and has historically been provided to the Contractor in performance of this contract is shown in the chart below. This equipment will be made available to the Contractor in an "as is" condition for their use in accomplishing work under this contract. Use of this equipment for work not directly associated with this contract is strictly prohibited. If the Contractor elects to use any of the equipment offered, they shall be fully responsible for maintenance and upkeep of the equipment. Costs for this activity shall be considered as indirect. The failure of any of this equipment to perform shall not excuse the Contractor for work performance under this contract. The Contractor shall return to the Government any used Government-owned GPE that can no longer economically be repaired or maintained. If the Contractor determines the equipment turned in is still necessary to accomplish the work, the Contractor shall replace the necessary equipment at no increase in the Lump Sum amount of this contract.

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
729949	Air compressor	ITT	4645	1
1935403	Analyzer	Gastech	4650	15A
1401536	Analyzer gas	Gastech	4244	100F
G084328	Analyzer gas	Gastech	4244	100F
G084553	Analyzer gas	Gastech	4244	100F
G084554	Analyzer gas	Gastech	4244	100F
1443107	Auger	Zealco	4650	NHBay
1443108	Auger	Zealco	4705	E104
1398181	Auger tractor mounting	Bush Hog		M1
541474	Balance	Denver	4650	NHBay
1401260	Bandsaw	Lincoln	4705	E104
062609	Bending machine	Greenlee	4650	Tcrib
104330	Bending machine	Greenlee	4650	Lockup
858962	Bending machine	Greenlee	4650	Tcrib
1082643	Bending machine	Parker-Hannifin	4650	NHBay
1397818	Blasting machine	Simpson	4650	Tcrib
1221990	Blower	Air Marine	4650	Tcrib
1221993	Blower	Air Marine	4650	Tcrib

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
541879	Boiler	Aqua-Chem	4660	Yard
2131033	Boiler	Cleaver Brooks	4660	
2192735	Boiler	Aqua-Chem	4660	Yard
G082160	Boiler	Industrial Boiler	4660	Yard
104584	Cable puller	Greenlee	4650	Tcrib
731813	Cable puller	Greenlee	4650	Tcrib
285045	Calibration unit	Johnson Controls	4650	Tcrib
1898581	Chipper	VC Marketing		M1
1444137	Cleaning machine tube	Goodway	4650	HVAC
1444138	Cleaning machine tube	Goodway	4650	HVAC
1444139	Cleaning machine tube	Goodway	4650	HVAC
1223121	Commode field	Space Master	4550	Yard
1223122	Commode field	Space Master		M1
062883	Compressor	Leroy		M1
065836	Compressor	Davey		M1
285976	Compressor	Lindsay		M1
1013624	Compressor	Atlas		M1
1533286	Compressor	Sullair		M1
1899544	Compressor	Ingersoll-Rand		M1
175956	Concrete mixer mobile	Mighty		M1
858730	Construction equipment	Wacker	4650	Tcrib
1722520	CPU	WIN	4650	23
1961805	CPU	Micron	4761	100
2017773	CPU	Dell	4650	18C
187228	Crane	Wallace	4645	1
G032262	Cutter/vacuum system	Martin Medical	4650	Tcrib
1282031	Decontaminating apparatus	Air Engineers		M2
1397654	Detector gas	Allanco Iolite	4244	100F
1286370	Display	Mag	4650	23
1535954	Display	WIN	4473	Bay
1961576	Display	View Sonic	4650	HVAC
2130896	Display	HP	4244	102
3050947	Display	Panasonic	4200	G1D
1442983	Distributor bituminous mat.	Neal		M1
1899543	Drill masonry	Milwaukee	4650	Tcrib
	Drill Press	Rockwell	4638	Shop
1278714	Drill unit core	Milwaukee	4650	Sbay (14)
625137	Drilling machine	Milwaukee	4650	N.T.Crib

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
1017454	Drilling machine	Rigid	4650	Tcrib
538097	Engraving machine	Green	4487	AB104
1722216	Engraving machine	Scott	4650	Sign
1538961	Fan	Patton	4559	Mshop
062848	Filter unit	IDT		M2
541416	Flaring machine	Emerson	4650	Tcrib
540201	Fogger mosquito	Buffalo		M1
2195943	Fusion machine	MCA	4650	22
102800	Generator	Dayton	4650	Tcrib
1153466	Generator	Generac		M1
1221724	Generator	Generac		M1
2194444	Generator	Onan	4650	Recov
2194445	Generator	Onan	4650	Recov
3052125	Generator	Generac	M1	
1397821	Generator AC	Dayton	4650	Crne cge
1444119	Generator diesel	Onan		M1
3052134	Grayco	Paint striper	4650	T.Crib
064494	Hacksaw	Keller	4650	NWBay
540194	Harrow disk (V4322)	Rome		M1
1082613	Heater	Lawn-boy	4660	Shed
G080682	Hoist chain	Yale	4650	Tcrib
836607	Ice machine	Manitowoc	4650	NHBay
	Laser level	Topcon	4638	Shop
834684	Level laser	Spectra-Physics	4650	Tcrib
541308	Lift hydraulic	Schramm	4251	Yard
1722300	Marker traffic line	Titan	4650	Tcrib
1221959	Meter flow rate	Alnor	4251	13
625289	Milling machine	Hardinge	4650	Mshop
G084327	Monitor gas	Gastech	4244	100F
1013245	Multimeter	Sperry	4650	Tcrib
1397824	Ohmmeter	Biddle	4487	C155
MN:5100	Oil analyzer, SN: 1214	Computational Systems	4650	31A
MN:51F W	Oil view, SN: 1017	Computational Systems	4650	31A
541482	Oscilloscope	Tektronix	4487	AB103
1936926	Paint sprayer	Durotech	4650	Tcrib
630746	Positioner	Bausch	4650	Mshop
1535414	Power supply	Power Ten	4639	2
1535415	Power supply	Power Ten	4639	2
2015312	Power supply	Vector	4639	2

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2015313	Power supply	Vector	4639	2
2015314	Power supply	Vector	4639	2
2015315	Power supply	Vector	4639	2
2015316	Power supply	Vector	4639	2
625287	Press	White	4650	NWBay
1398125	Printer	HP	4650	25
1727480	Printer	HP	4650	32
1397820	Pump	Dayton	4650	TMC
2017783	Pump	Viking	4567	Outside
3052194	Pump	John Deere	M1	
541509	Pump gas mobile	FCD		M1
541510	Pump gas mobile	FCD	Vehic	
1397755	Pumping assembly	Army		M1
837377	Pyrometer indicating	Micron	4650	Tcrib
1935686	Radometer	Inframetrics	4650	31A
1935687	Radometer	Inframetrics	4650	31A
1221848	Recorder coordinate	Omega	4487	AB103
1221736	Recycle recovery unit	Trane	4650	HVACR
G031990	Recycle solvent	Sherwin-Williams	4682	Shed
1286109	Refrigerant recovery sys.	Refrigerant Recovery System	4650	22
1286110	Refrigerant recovery sys.	Refrigerant Recovery System	4650	22
1286111	Refrigerant recovery sys.	Refrigerant Recovery System	4650	22
1398177	Rifle	Mossberg	4677	1
542272	Salt spreader	Dorsey		M1
541445	Saw	Peerless	4650	NWBay
630397	Saw	Doall	4650	Mshop
104574	Saw abrasive	Target	4650	NHBay
187106	Saw abrasive	Federal-Mogul		M1
1398063	Saw abrasive	Target	4650	Tcrib
729947	Saw chain	Partner	4650	Tcrib
1278741	Saw chain	Stihl	4650	Tcrib
1397653	Saw chain	Stihl	4650	Tcrib
1722214	Saw chain	Stihl	4650	Tcrib
1722215	Saw chain	Stihl	4650	Tcrib
1722213	Saw circular	Stihl	4650	Tcrib
1014261	Saw, hose cutting	Scotsman	4650	Mshop
441378	Scale crane	Measurement Systems	4650	Tcrib

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2014605	Shear	Version	4650	SHBay
1284330	Shears	Tennsmith	4650	Shibay
1899526	Spray gun	Durotech	4650	Tcrib
	Sprayer insecticide	Oldham, 50 gal	4677	Outside
104575	Spreader concrete	Stow	4650	Tcrib
1538952	Stencil cutter	Diagraph	4682	Shed
730247	Tapping machine	Muebber	4650	Tcrib
1397638	Tester resistance	Aemc	4650	Tcrib
244688	Thermometer	MC Products	4650	Tcrib
1013647	Thermometer infrared	Raytek	4650	Tcrib
1222927	Thermometer infrared	3M Aviation	4650	15A
065060	Threading machine	Emerson	4498	Fence
1965195	Trailer	Mobile Structures		M2
1282927	Trailer cargo	Utility Trailer Mfg.		Yard
1727551	Trailer flat bed	Deans		M2
1899541	Trailer flat bed	Checker		M1
1935462	Trailer rescue	Mobile Structures	4650	Yard
541501	Trailer semi	Dorsey		M1
1282487	Trailer semi	US Industries		M1
1899542	Trailer semi flat bed	Fontaine	V2900	M1
187411	Trailer/chiller	W.F. Mickey	4202	Outside
540163	Trailer/chiller	Hackney	4708	Outside
063018	Truck lift platform	Advance	4650	Tcrib
289342	Tube cleaning machine	Rigid	4650	Tcrib
2010503	UPS	Alpha Tech	4761	104
1017452	Vacuum cleaner	Vactagon Pneumatic	4650	NHBay
1017453	Vacuum cleaner	Vactagon Pneumatic	4650	Tcrib
1150241	Vacuum cleaner	Nilfisk		M2
1221451	Vacuum cleaner	Nilfisk		M2
1221452	Vacuum cleaner	Nilfisk		M2
1281671	Vacuum cleaner	Nilfisk	4650	Tcrib
1281985	Vacuum cleaner	Nilfisk	4650	Tcrib
1533355	Vacuum cleaner	Hepa		M2
1442989	Washing machine	Whirlpool		M2
063507	Welder	Miller	4638	NHBay
185633	Welder	Miller		M1
540196	Welder	Lincoln	4638	Outside
1013244	Welder	L-Tec	4650	NHBay
063506	Welder	Miller	4650	SHBay
1278742	Welder arc	Lincoln	4650	Tcrib

GENERAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
1445074	Welder arc	Miller	4650	W.Shop
G081387	Welder arc	Powercon	4650	19
G083807	Welder arc	Miller	4650	NWBay
065779	Welding machine	Ahringer	4650	Carp.Shop
539610	Welding machine	Airco	4650	NHBay
1278713	Welding machine	Lincoln	Vehic	V0833
1279445	Welding machine	Miller	4705	4700
1279447	Welding machine	Miller	4705	4700
1401386	Welding machine	Miller	4650	NHBay
G032315	Welding machine	Miller	4650	NHBay
1016637	Winch	Thern	4650	Tcrib
1221994	Winch	WGM/Miller	4650	Tcrib
625155	Wrench impact	Ingersoll-Rand	4650	Tcrib
730389	Wrench pneumatic	Chicago Pneumatic	4650	Tcrib

2. Special Purpose Equipment (SPE). Special Purpose Equipment is considered unique to this effort and essentially permanent in duration. The responsibility to control, provide maintenance, replace or otherwise modify the inventory of mobile SPE and SPE computer equipment lies with the Government. Maintenance and upkeep of all other SPE shall be the responsibility of the Contractor. Control and replacement will remain the responsibility of the Government for SPE. It shall be the duty of the Contractor to use and operate these items in the best possible manner to ensure that maximum utilization of this equipment is made toward carrying out the requirement of the Performance Work Statement.

The Contractor shall be responsible for routine daily operator inspections on all mobile SPE they use. In addition, for mobile cranes, the Contractor shall be responsible for performing the required load tests and shall provide Non-Destruction Evaluation (NDE) inspections of the hook for all load tests performed by the Contractor while the equipment is in their possession.

Title of this equipment will remain with the Government and the Government will determine when replacement of equipment is required. Government replaced equipment is subject to funding approval; therefore, specific replacement schedules are not available. If replacement is due to Contractor negligence in operation or maintenance of equipment, the Contractor shall reimburse the Government for the replacement of the equipment.

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
0541520	Air compressor	Colt	4645	1
1935458	Air compressor	Coltec	4645	1
1963113	Air compressor	Atlas	M1	
1283807	Air conditioner	Airflow Co. F-Dryoma	7205	B2
1933683	Analyzer	Computational Systems	4650	31A
1221620	Analyzer disturbance	Biddle Instruments	4487	AB102
1279415	Analyzer gas	Gastech	4650	15A
1936873	Analyzer oil	Computational Systems	4650	SHBay
1222866	Analyzer particle	Diagnostic Systems	4650	19
0729974	Analyzer power demand	Dranetz	4650	Elect
1221992	Analyzer spectrum	Computational Systems	4650	PDM
1221845	Analyzer toxicity	Microbics	4487	AB104
2194303	Asbestos filter	Hankison	4391	M2
2194849	Asphalt roller	Leeboy	4482	V485
0540192	Backhoe	Ford	M1	V951
2193790	Backhoe	New Holland	4482	V953
G29256	Backhoe	John Deere	M1	V952
3053223	Balance kit	CSI	4650	PT&I
0482671	Bandsaw	Enco	4650	SHBay
0537066	Bandsaw	DoAll	4487	AB103
0539612	Bandsaw	DoAll	4650	NHBay
0541329	Bandsaw	DoAll	4650	SHBay
0624582	Bandsaw	Armstrong-Blum	4482	100
0675947	Bandsaw	Moak	4650	SHBay
0541478	Battery charger	C&D	4670	101
0541479	Battery charger	C&D	4670	Bsmt
0541431	Bending machine	Greenlee Tool	4650	Tcrib
0858961	Bending machine	Greenlee Tool	4650	Tcrib
0541879	Boiler steam	Aqua-Chem	4660	Yard
2194910	Boiler steam	Cleaver-Brooks	4660	Yard
2195092	Boiler steam	Aqua Chem	4660	
2195093	Boiler steam	Cleaver-Brooks	4660	
2194165	Boom lift	Genie	4482	V7624
1153684	Brake press	Dries and Krump	4650	Gway
1284331	Break machine	Tennsmith	4650	SHBay
3052602	Bucket truck	Altec	M1	V1571

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
1442392	Bulldozer	Caterpillar	M1	V740
1936877	Camera infrared	Inframetrics	4650	15
3051662	Cargo trailer	Dakota	M1	V290
3050112	Case loader	Dresser	4348	V727
0835017	Charger battery	C&D	4541	E1
1014291	Charger battery	C&D	4639	2
G30026	Charger battery	C&D	4561	101
G81095	Charger battery	C&D	4554	Mshop
1269599	Chiller	Trane	M1	
1722252	Collector dust	Advanced Trailer	M1	V1722252
0064936	Compressor	Dayton	4645	Shop
1899544	Compressor	Ingersol Rand	4391	M2
3053494	Compressor	Davey	4348	M1
0834556	Compressor recip	Dayton	Truck	Ballentine
1221527	Conductivity analyzer	Rosemount	4761	Booth
		Analytical		
1895791	CPU	WIN	4473	Bay
3054629	Crane	Shuttlelift	M1	
1222659	Crane truck mounted	Grove	M1	V752
1272727	Crane wheel mounted	Grove	M1	V753
G80206	Crimper	Parker Fluid	4650	NHBay
0440834	Cutting unit plasma	Union Carbide	4650	NHBay
0176156	Display	IBM	4487	AB103
1961915	Display	Micron	4761	104
1722987	Disturbance Analyzer	Dranetz	4650	26
0062733	Ditching machine	Bobcat	M1	V62733
0541331	Drilling machine	Clausing	4650	SHBay
0541348	Drilling machine	Carlton	4650	NHBay
1538960	Drilling machine	Walker-Turner	4650	SHBay
	Engraving system	Vision	4650	18C
0540185	Excavator	Warner & Swasey	M1	V950
		Lima		
2194820	Excavator	Caterpillar	4482	V955
0065516	Filter air	Hankison	M2	
0542624	Forklift	Raymond	4482	V497
1082818	Forklift	Yale	4650	V578
0541325	Forming machine slip roll	San Angelo	4650	SHBay
		Foundry		
1535574	Generator diesel	Kohler	M1	
1964545	Gooseneck trailer	Pig	4650	V2901
2194101	Gooseneck trailer	Lone Wolf	M1	V2694
0242525	Grader road	Huber	M1	V700
0541339	Grinding machine	Brown and Sharpe	4650	SHBay

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
0541351	Grinding machine	Hammond	4650	SHBay
1286094	Grinding machine	Lee	4650	21B
0539614	Hacksaw power	Peerless	4650	NHBay
1935688	Imaging unit	Inframetrics	4650	PDM
2195120	Imaging unit	FLIR	4650	28B
	Infrared camera E4	FLIR	4650	31A
	Infrared camera P60	FLIR	4650	31A
2200458	Laptop computer	Multi-tech	4200	G1D
3052611	Laptop computer	Dell	4650	HVAC
3052612	Laptop computer	Dell	4650	HVAC
3052613	Laptop computer	Dell	4650	HVAC
1936878	Laser alignment	Othaspec	4650	19K
0539602	Lathe	Leblond	4650	NHBay
0541353	Lathe	Leblond	4650	19
2196102	Lathe	Summit	4650	19
2196103	Lathe	Summit	4650	19
3053222	Lathe	Clausing	4650	Machine
0541439	Lathe engine	Monarch	4650	Mshop
2014711	Lift	Gehl	4483	V2412
2018176	Lift	Yale	4482	V2417
2131016	Lift	Yale	4482	V2418
2131017	Lift	Yale	4482	V2419
2194215	Lift	Clark	4650	V2434
3051772	Lift	Genie	4650	Shop
3051916	Lift	Gehl	4482	V2420
0063390	Load bank	Avtron	4650	NHBay
G84901	Load bank	Dranetz	4487	AB103
3052629	Loader	Bobcat	M1	V728
1081054	Loader scoop	Fiatallis	M1	V726
1014515	Maintenance platform	Genie	4650	NHBay
1895342	MCE system	FPMA	4650	SHBay
0631366	Milling machine	Gorton	4638	100
0677449	Milling machine	Bridgeport	4650	19
2196100	Milling machine	Summit	4650	19
2196101	Milling machine	Summit	4650	19
0541342	Milling machine	Brown and Sharpe	4650	SHBay
0539616	Milling machine vertical	Bridgeport	4650	NHBay
G84900	Monitor battery	Dranetz	4487	AB103
1278744	Monitor flame	Allen-Bradley	4660	Outside
1533283	Optical reader	HP	4650	18C
0623299	Oscilloscope	Tektronix	4650	Tcrib
0835231	Oscilloscope	Fluke	4650	PM
2193886	PDA	Symbol	Area	

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2193887	PDA	Symbol	Area	
2193888	PDA	Symbol	Area	
2193889	PDA	Symbol	Area	
2193890	PDA	Symbol	Area	
2193891	PDA	Symbol	Area	
2193892	PDA	Symbol	Area	
2193893	PDA	Symbol	Area	
2193894	PDA	Symbol	Area	
2193895	PDA	Symbol	Area	
2193896	PDA	Symbol	Area	
2193897	PDA	Symbol	Area	
2193898	PDA	Symbol	Area	
2193899	PDA	Symbol	Area	
2193900	PDA	Symbol	Area	
2193901	PDA	Symbol	Area	
2193902	PDA	Symbol	Area	
2193904	PDA	Symbol	Area	
2193906	PDA	Symbol	Area	
2193907	PDA	Symbol	Area	
2193908	PDA	Symbol	Area	
2193909	PDA	Symbol	Area	
2193910	PDA	Symbol	Area	
2193911	PDA	Symbol	Area	
2193912	PDA	Symbol	Area	
2193913	PDA	Symbol	Area	
2193914	PDA	Symbol	Area	
2193915	PDA	Symbol	Area	
2193916	PDA	Symbol	Area	
2193917	PDA	Symbol	Area	
2193918	PDA	Symbol	Area	
2193919	PDA	Symbol	Area	
2193920	PDA	Symbol	Area	
2193921	PDA	Symbol	Area	
2193922	PDA	Symbol	Area	
2193923	PDA	Symbol	Area	
2193924	PDA	Symbol	Area	
2193925	PDA	Symbol	Area	
2193926	PDA	Symbol	Area	
2193927	PDA	Symbol	Area	
2193928	PDA	Symbol	Area	
2193929	PDA	Symbol	Area	
2193930	PDA	Symbol	Area	
2193931	PDA	Symbol	Area	

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2193932	PDA	Symbol	Area	
2193933	PDA	Symbol	Area	
2193934	PDA	Symbol	Area	
2193935	PDA	Symbol	Area	
2193936	PDA	Symbol	Area	
2193937	PDA	Symbol	Area	
2193938	PDA	Symbol	Area	
2193939	PDA	Symbol	Area	
2193940	PDA	Symbol	Area	
2193941	PDA	Symbol	Area	
2193942	PDA	Symbol	Area	
2193943	PDA	Symbol	Area	
2193944	PDA	Symbol	Area	
2193945	PDA	Symbol	Area	
2193946	PDA	Symbol	Area	
2193947	PDA	Symbol	Area	
2193948	PDA	Symbol	Area	
2193949	PDA	Symbol	Area	
2193950	PDA	Symbol	Area	
2193951	PDA	Symbol	Area	
2193952	PDA	Symbol	Area	
2193953	PDA	Symbol	Area	
2193954	PDA	Symbol	Area	
2193955	PDA	Symbol	Area	
2194417	PDA	Symbol	Area	
2510549	PDA	Symbol	Area	
2510551	PDA	Symbol	Area	
2510553	PDA	Symbol	Area	
2510554	PDA	Symbol	Area	
2510557	PDA	Symbol	Area	
1667184	PDA	Symbol	Area	
1667205	PDA	Symbol	Area	
1667239	PDA	Symbol	Area	
2509959	PDA	Symbol	Area	
2509962	PDA	Symbol	Area	
2509963	PDA	Symbol	Area	
2510550	PDA	Symbol	Area	
2510552	PDA	Symbol	Area	
2510555	PDA	Symbol	Area	
2510556	PDA	Symbol	Area	
2510559	PDA	Symbol	Area	
2510560	PDA	Symbol	Area	
2510561	PDA	Symbol	Area	

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2510562	PDA	Symbol	Area	
2510563	PDA	Symbol	Area	
2510564	PDA	Symbol	Area	
2510565	PDA	Symbol	Area	
2510566	PDA	Symbol	Area	
2510567	PDA	Symbol	Area	
2510568	PDA	Symbol	Area	
2510569	PDA	Symbol	Area	
2510570	PDA	Symbol	Area	
2510571	PDA	Symbol	Area	
2510572	PDA	Symbol	Area	
2510573	PDA	Symbol	Area	
2510574	PDA	Symbol	Area	
2510575	PDA	Symbol	Area	
2510576	PDA	Symbol	Area	
2510577	PDA	Symbol	Area	
2510578	PDA	Symbol	Area	
2510579	PDA	Symbol	Area	
2510580	PDA	Symbol	Area	
1936874	Phototac	Computational Systems	4650	SHBay
1965432	Platform lift	Genie	4482	Shop
1221510	Power supply	Kepco	4487	AB104
1221511	Power supply	Kepco	4487	AB104
1221512	Power supply	Kepco	4487	AB104
1221513	Power supply	Kepco	4487	AB104
1221514	Power supply	Kepco	4487	AB104
1221515	Power supply	Kepco	4487	AB104
1221516	Power supply	Kepco	4487	AB104
1222814	Power supply	Kepco	4487	AB104
1222815	Power supply	Kepco	4487	AB104
1222816	Power supply	Kepco	4487	AB104
1222817	Power supply	Kepco	4487	AB104
1222818	Power supply	Kepco	4487	AB104
1222819	Power supply	Kepco	4487	AB104
1222820	Power supply	Kepco	4487	AB104
1222821	Power supply	Kepco	4487	AB104
1222822	Power supply	Kepco	4487	AB104
1281578	Power supply	Kenwood	4639	2
1281579	Power supply	Kenwood	4639	2
1281580	Power supply	Kenwood	4639	2
1281581	Power supply	Kenwood	4639	2

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
1281582	Power supply	Kenwood	4639	2
1281583	Power supply	Kenwood	4639	2
1281584	Power supply	Kenwood	4639	2
1281585	Power supply	Kenwood	4639	2
1281668	Power supply	Kepco	4639	1
0860882	Press filter	JWI	4761	Hibay
0065515	Pulling unit, cable & wire	Greenlee Tool	4650	Elect
0731813	Pulling unit, cable & wire	Greenlee Tool	4650	Tcrib
1935459	Pump	Grundfos	4567	106
2014580	Pump	Grundfos	4660	Shop
1538970	Pump and motor	Weil	4650	Cage3(37)
0837034	Pump centrifugal	Crane Chempump	4650	Cage
0837035	Pump centrifugal	Crane Chempump	4650	Cage
G81535	Pump centrifugal	Mueller	4650	Cage1
G82660	Pump centrifugal	Peerless	4650	NHBay
1281647	Pump reciprocating	Dayton	4650	Tcrib
2195169	Resistance analyzer	Baker	4650	31A
0289070	Road grader	Huber	M1	V699
1288142	Routing machine	Delta	4650	SHBay
0675892	Sampler discrete	BVS	4740	Jog path
0539619	Sandblast	Zero Mfg.	4650	Vshop
0539620	Sandblast with alox unit	Zero Mfg.	4650	Vshop
0541456	Sander	Oliver Machinery	4650	SHBay
1016828	Sander belt	Dayton	4650	SHBay
0541445	Saw metal cutting	Peerless	4650	NHBay
3051771	Scissor lift	Am. Mechanical	4483	V7618
G80850	Settler clarifier article	Parkinson	4761	101
0614050	Shearing machine	Cincinnati	4650	SHBay
2014605	Shearing machine	Verson	4650	
0541337	Shearing machine forming	American SMT-Pullmax	4650	SHBay
1284330	Shears	Tennsmith	4650	SHBay
	Software, oil view	Computational Systems	4650	PT&I
0285410	Spectrophotometer	Hach	4761	104
0285411	Spectrophotometer	Hach	4487	AB104
2510832	Spectrum Analyzer	Computational Systems	4650	31A
2510833	Spectrum Analyzer	Computational Systems	4650	31A
2510834	Spectrum Analyzer	Computational Systems	4650	31A
2510835	Spectrum Analyzer	Computational	4650	31A

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
2510836	Spectrum Analyzer	Systems Computational	4650	31A
2194294	Spreader	Systems Dorsey	M1	V111457
3053549	Spreader	Highway Equipment	M1	V264037
2194535	Steam trap mgt system	Trapman	4650	PT&I
0104038	Surfacer woodworking	Oliver Machinery	4650	SHBay
3052073	Sweeper	Schwarze	4482	V668
3053224	Swing stage hoist	Sunbelt		M-1
1397819	Table surface	Challenge Machinery	4650	NHBay
1221619	Tester impedance	Biddle Instruments	4487	AB103
1282025	Tractor	Ford	M1	V912
1936955	Trailer	Three M	M2	
1965195	Trailer	Mobile Structures	M2	
2130979	Trailer	Adco	4660	V2865
2195960	Trailer	Econoline	4348	M1
0858235	Transmitter pressure	Compustion Eng.	4660	Shop
1401619	Transporter kneel down	Kamag Transportation	M2	V1401619
G29686	Truck bucket (Tube cleaner)	Goodway	4660	Shed
1538259	Truck dump	Ford	4650	V190
1538260	Truck dump	Ford	4650	V191
G80868	Truck dump	International	4650	V185
1018498	Truck tractor	Ford	M1	V1212
1936871	Ultra probe	UE Systems	4650	PTI
1895374	Ultrasonic flowmeter	Polysonics	4650	23
1218767	Vacuum pump	Airserco	4650	22
1218768	Vacuum pump	Airserco	4645	1
1899867	Vacuum truck	Super Products/Ford	M1	V666
2510831	Vibration analyzer	Computational Systems	4650	31A
1221524	Water purification unit	Rosemount Analytical	4487	BBsmt
1221525	Water purification unit	Rosemount Analytical	4487	BBsmt
1221526	Water purification unit	Rosemount Analytical	4487	BBsmt
1221528	Water purification unit	Rosemount	4718	E-1

SPECIAL PURPOSE EQUIPMENT

ECN	Description	Mfg.	Bldg.	Room
1221529	Water purification unit	Analytical Rosemount	4487	BBsmt
1221530	Water purification unit	Analytical Rosemount	4487	BBsmt
1221531	Water purification unit	Analytical Rosemount	4487	BBsmt
1221532	Water purification unit	Analytical Rosemount	4487	BBsmt
1221533	Water purification unit	Analytical Rosemount	4487	BBsmt
0860946	Water softener	Analytical Culligan	4567	E6 Broom
0678739	Welder	Lincoln	M2	
1223119	Winch	WGM Safety	4650	Tcrib

B. Government Fueling The Contractor may purchase fuel (unleaded gas and diesel) from the Government for Contractor-provided vehicles operated in conjunction with this contract. The rate of fuel is determined on a monthly basis and deducted from the contract payment. The Contractor may continue to purchase fuel at the new rates if they so desire. In order to purchase Government fuel, the Contractor shall use vehicles that comply with Executive Order 13149.

C. The Government will furnish six (6) Outsourcing Desktop Initiative for NASA (ODIN) seats that include Integrated Desktop Services (IDS) from the Government. Four (4) workstations will be required for operation of the Computerized Maintenance Management System (CMMS). One workstation will be required for the Sign Shop and one workstation will be required for the PT&I program. Each seat includes the following:

- Hardware (including replacement after 3 years)
- Integrated Desktop Services (IDS)
- Software (including MS Office, email, anti-virus, browser and other utilities)
- Hardware maintenance that includes 4-hour return to service
- Software maintenance that includes 4-hour return to service and software technology refresh in the form of upgrades, security patches, and bug fixes.
- One free move, add, or change per year per seat
- Network connectivity including security protection
- Help desk and desk-side support
- Network printer access within 60 feet of desktop

50 MB of server storage (file storage)
100 MB of email storage on server
Dial-in or Virtual Private Network (VPN) access

The contractor may purchase additional ODIN seats. These seats range in price from \$160.46 per month for a desktop system to \$212.46 for a laptop and docking station. Additional ODIN seat costs will be deducted from the Contractor's invoice on a monthly basis. If the Government's desktop service costs vary by more than plus or minus 10%, rates will be adjusted for the next year following the rate change. There will be no equitable adjustment provided for the previous year's rates. The Contractor may continue to purchase desktop services at the new rates if they so desire. No Contractor owned hardware will be connected to the Government owned system.

NNM08AA54C

ATTACHMENT J-9

SYSTEM DEFINITIONS

Introduction: The following attachment identifies the primary systems at MSFC and assigns a number to each type of system to be used as a cross reference with Attachment J-10. Each of the unique system numbers (1st column) identifies the system as shown in the 2nd column. For each system there is a system description which briefly defines the function of the system, an output description which defines the expected outputs from the systems and a section on components which describes the major components in the system.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
1	Water Cooled A/C System	
	A. Description	That system which supplies conditioned air (cooled and or heated) to the occupied or utilized space, to include personnel, equipment or storage utilization as defined by the Government.
	B. Output	The occupied space shall be maintained at temperatures specified in the design specifications for personnel comfort. Air exchanges and indoor air quality shall be provided to meet current ASHRAE recommendations. Discharge Air temperatures from HVAC units shall be as directed in Spring/Summer and Fall/Winter Seasonal Adjustment plans.
	C. Components	Those systems are defined to include chilled water, direct expansion systems, and PTOA (Pre-Treated Outside Air), interior and exterior locations including mechanical rooms, computer rooms, and overhead installations. This may also include but not be limited to permanent chillers and portable chillers, spot coolers, window units, D/X split systems, fan coil units, condenser units, package units, and floor mounted computer room type units. This application includes a condenser water system. Components shall be defined as, but not limited to, coil (CW and refrigerant), fan and fan variable frequency drive unit, motor, belt, filters, control valves, reboiler, condensate collection pans an piping, overflow protection devices, humidity control heaters (hot water and electric) and instrumentation, humidifiers, compressor and associated instrumentation and controls, gauges and other instrumentation and controls specific to the air handler systems including flow devices, probes, delta-Pressure switches, etc., which are remotely recorded by the FMCS or manually recorded to provide energy management of FMCS data, and controls specific to the air handler systems, air distribution systems such as mixing boxes, variable air terminals, fans, heaters, ducting, dampers, insulation and accelerometers.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
2	Air Cooled A/C System	
	A. Description	That system which supplies conditioned air (heated and or cooled) to the occupied or utilized space, to include personnel, equipment or storage utilization as defined by the Government.
	B. Output	The occupied space shall be maintained at temperatures specified in the design specifications for critical areas. Air exchanges and indoor air quality shall be provided to meet current ASHRAE recommendations. Discharge Air temperatures from HVAC units shall be as directed in Spring/Summer and Fall/Winter Seasonal Adjustment plans.
	C. Components	Those systems are defined to include direct expansion systems, and PTOA (Pre-Treated Outside Air), interior and exterior locations including mechanical rooms, computer rooms, and overhead installations. This may also include but not be limited to permanent chillers and portable chillers, spot coolers, window units, D/X split systems, fan coil units, condenser units, package units, and floor mounted computer room type units. Condenser water system is not used in this application. Components shall be defined as, but not limited to, coil (CW and refrigerant), fan, constant and variable frequency fan drive units, motor, belt, filters, control valves, reboiler, condensate collection pans and piping, overflow protection devices, humidity control heaters (hot water and electric), and instrumentation, humidifiers, compressor, and associated instrumentation and controls, gauges and other instrumentation and controls specific to the air handler systems including flow devices, probes, delta-pressure switches, etc., which are remotely recorded by the FMCS or manually recorded to provide energy management of FMCS data, air distribution systems such as mixing boxes, variable air terminals, fans, heaters, ducting, dampers, insulation, and accelerometers.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
3	Packaged A/C System	
	A. Description	That system which supplies conditioned air (cooled and or heated) to the occupied or utilized space, to include personnel, equipment or storage utilization as defined by the Government.
	B. Output	The occupied space shall be maintained at temperatures specified in the design specifications for personnel comfort. Air exchanges and indoor air quality shall be provided to meet current ASHRAE recommendations. Discharge air temperatures from HVAC units shall be as directed in Spring/Summer and Fall/Winter seasonal adjustment plans.
	C. Components	Those systems are defined to include Packaged A/C components that fit into a fixed ventilation system without the use of condenser water systems or exterior fans for heat removal. Removes heat by passing outside air or recirculated air over a cooling and or heating coil into building.
4	Split A/C System	
	A. Description	That system which supplies conditioned air to the occupied or utilized space, to include personnel, equipment, or storage utilization as defined by the Government.
	B. Output	The occupied space shall be maintained at temperatures specified in the design specifications for personnel comfort. Air exchanges and indoor air quality shall be provided to meet current ASHRAE recommendations. Discharge air temperatures from these HVAC units shall be as directed in Spring/Summer and Fall/Winter Seasonal Adjustment plans.
	C. Components	Those systems which are defined to include separate condensing units from the cooling units which operate on direct expansion from the refrigerant.

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ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
5	Secondary Chilled Water Loop System	
	A. Description	Those closed loop cooling systems that use a chilled water heat exchanger(s) to provide a secondary cooling water loop to provide cleaner cooling water (usually distilled water) for sensitive/critical equipment.
	B. Output	These systems shall meet the designed requirements for flow, temperature, and capacity and be free of leaks. Insulation shall be maintained intact.
	C. Components	Closed loop cooling systems may contain, but not be limited to, any combination of heat exchangers, pumps, piping, fittings, labels, valves, flow indicators, expansion tanks, strainers, filters, auto air eliminators, insulation, instrumentation, and controls.
6	Refrigeration System	
	A. Description	Those direct expansion refrigerant units or systems that provide for a closed loop cooled or frozen storage for food, film, samples or specimens as found in cafeterias or laboratories.
	B. Output	Those systems shall meet the design requirements of the manufacturer's and end-users for temperature and capacity and shall be maintained free of leaks and in accordance with all ASHRAE regulations.
	C. Components	Refrigerant units or systems may contain, but not be limited to; refrigerators, freezers, or combination units of either single unit sized (somewhat portable) or walk-in sized (usually built-in). Components shall include sealed doors, latches, compressors, coils, filters, piping, valves, strainers, insulation and instrumentation. Using various refrigerants such as R-12, R-22, and R-113, and R134a.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
7	Cooling Towers and Condenser Water System	
	A. Description	Cooling towers/condenser water systems are heat rejection systems that provide cooling water for condensing refrigerants in HVAC/Chillers or other cooling applications.
	B. Output	These systems shall perform within designed performance specifications. Contractor shall provide water treatment system(s) to maintain corrosion rates less than 2.0 mils per year and shall maintain the water and tower areas free of algae and other foreign matter.
	C. Components	Cooling tower/condenser water systems are defined as containing, but not limited to, all or any combination of cooling towers, piping, fittings, strainers, labels, fans, gear boxes, flow elements, basins, pumps, valves, fire detection and protection equipment, controls, accelerometers, and instrumentation including flow devices, probes, delta-pressure switches, etc., which are remotely recorded by the FMCS or manually recorded to provide energy management of FMCS data.
8	Hot Water Heating System	
	A. Description	That system which supplies and distributes hot water to various buildings for use in the HVAC systems.
	B. Output	The hot water systems shall be maintained at between 80 and 180 degrees F at the coils as the system or seasonal plan requires.
	C. Components	The hot water system components shall include, but not be limited, to hot water boilers, heat exchangers, coils, pumps, valves, strainers, piping, instrumentation, and insulation. The system shall be maintained free of leakage.

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ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
9	Steam Heating System	
	A. Description	That system which supplies and distributes steam to the various buildings for use in HVAC. It shall also include the system which collects and return condensate (cooled steam to hot water) produced from the steam system.
	B. Output	The steam systems shall be maintained at between 7 and 100 psig at the steam boilers outlet as the systems or seasonal plan requires. Process use steam shall be provided to meet the design requirements for individual building users. The condensate return systems shall function to collect and return the condensate produced by the steam system to each condensate collection system or feed water tank. State Certification of all steam boilers that run above 15 psig shall be accomplished yearly and shall require at least a daily preventative maintenance watch. The systems shall be maintained free of leakage.
	C. Components	The steam system and condensate return system are defined to include but not limited to the steam and condensate return systems inside each building. The single central steam plant system shall be maintained from the plant to each building it serves. The components of the steam system shall include, but not be limited to, steam boilers, pressure reducing/regulating stations, instrumentation, pressure switches, FMCS components, heat exchangers; steam coils, relief valves, valves, traps, pumps, tanks, strainers, piping, and insulation.

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ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
10	Natural Gas Heating System	
	A. Description	Those systems that provide heating by use of direct natural gas burning in a heating device and heated air disbursement.
	B. Output	The natural gas heaters or systems shall be maintained to provide safe space heating as per the manufacturers requirements and their design parameters and as is adjustable at each thermostat (if applicable).
	C. Components	The natural gas heating systems components shall include but not be limited to; piping from each building gas regulator to each heating device, valves, regulators, strainers, electric fans, thermostats, and structural supports.
11	Electric Heating System	
	A. Description	That system which supplies and distributes electrically heated air.
	B. Output	The electric heaters shall be maintained to distribute heated air as per manufacturers requirements and as is adjustable at each thermostat.
	C. Components	The electric heaters or heating systems shall include but not limited to; heaters, thermostats, and the electric wiring from the main breakers.

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ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
12	Compressed Air System	
	A. Description	That system which supplies and distributes dry, compressed air to the building for use as control (HVAC) and shop service air.
	B. Output	The compressed air systems shall deliver compressed air to the buildings at between 80 and 120 PSI +/- 3 PSI with a dewpoint of -40F +/- 5F, as required. The downstream regulated pressure for control air shall be maintained at a nominal 20 PSI +/- 1 PSI. Certification of all pressure vessels (air receivers) shall be provided for every four (4) years as applicable. The systems shall be free of leakage, air or oil. Control air systems shall be maintained free of all oil.
	C. Components	The compressed air systems are defined to include the compressed air system inside the facility described as control air and shop service air. It will be supplied by the local compressor systems and be distributed throughout each building per the system drawings and available documentation. The components of this system may include, but not be limited to, control or service air compressors and receivers, piping, associated gauges, thermometers, and other instrumentation and controls; pressure regulating stations, associated instrumentation and controls; condensate traps; electric, and refrigerated air dryers; filters, relief valves, and valves.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
13	Building Power System	
	A. Description	That system which supplies all electrical power to any given building to include backup power sources if present.
	B. Output	Power shall be at various standard voltages (120 volt single phase, 240 volt three phase, 480 volt three phase) and available amperage shall be consistent with wire size per the National Electric Code.
	C. Components	Those systems include the building transformers, the building feeds from the transformers (including current carrying conductor and conduit), distribution system to lighting and power panels (including all components, the current carrying conductor, and the conveyance system), backup emergency generators (if applicable), uninterruptible power supplies (if applicable),
14	Interior Building Power Distribution System	
	A. Description	That system which supplies electrical power to operate equipment such as machine tools, computers, etc. System limits include power distribution panels to the actual piece of equipment if hardwired or to the electrical outlet.
16	Exterior Lighting Systems	
	A. Description	That system which supplies lighting to exterior areas at the center including exterior building lights and parking lot lighting.
	B. Output	Appropriate lighting levels in various work areas in compliance with IEEE standards.
	C. Components	Those systems Include lighting distribution panels, all switches and other electrical components in the circuits, all current carrying conductors including their conveyance system, and all lamp fixtures.

RFP NNM08223562R
ATTACHMENT J-9
SYSTEM DEFINITIONS

SYSTEM NO	SYSTEM	SYSTEM DESCRIPTION, OUTPUT, AND COMPONENTS
17	Fire and Gas Detection systems	
	A. Description	That system which supplies alarms and alerts that either a fire or a hazardous gas is present.
	B. Output	Audible and visual alarms as well as remote alarms at either the RASA fire station, NASA Security Headquarters or the UCS desk.
	C. Components	System components include detector heads, wiring, multiplexer units, and transmitters.
18	Maintenance Detection System	
	A. Description	That system which supplies alarms and alerts that a system or component is in an abnormal condition.
	B. Output	Audible and visual alarms and remote alarms at the UCS desk.
	C. Components	System components include detector heads, wiring, multiplexer units, and transmitters.

NNM08AA54C

ATTACHMENT J-10

SYSTEM AVAILABILITY REQUIREMENTS

Introduction: The following attachment provides a definition of the availability requirements for various systems in selected facilities at MSFC. Page 3 shows a Systems Availability Requirements Table with the relationship between the repair codes, the scope, the allowed total availability loss, the allowed partial availability loss, response time during core hours, response time during non-core hours, and repair time. The repair codes in column A are used as identifiers for use with the System Availability Requirements Matrix on page 2. The description in column B indicates the system or scope of the system. Note that the systems are not in a particular order and system criticality can only be determined by assessing the allowed outages and response and repair times. Column C indicates the allowable outages and is explained in note C at the bottom of the table. Column D likewise indicates allowable partial system outages that are explained in note D at the bottom of the table. Columns E and F show the allowable response times during core and non-core work hours respectively and column G indicates the allowable repair time.

The System Availability Requirements Matrix shows selected facilities on the Center by facility number cross-referenced with system numbers as defined in Attachment J-9. At the intersection point there will either be a number which references back to the repair code from the System Availability Requirements Table on page 3 indicating the availability requirement for that system in that facility, an "X" indicating that particular system exists in the building but is not covered by System Availability Requirements, or a blank indicating the system does not exist in that particular building. The Contractor is required to meet the availability requirements shown and failure to do so will result in deductions as defined in Section E. In general, failure to meet the requirements as set forth in the System Availability Requirements Table and Matrix will be considered a complete loss of quality for the affected CLINs. Because of the impact to the Center for repair codes 1 and 2 and the critically of these systems, the Government may choose to assess actual damages up to \$10,000 per event for a failure to meet the requirements of the System Availability Requirements Table and Matrix in addition to deductions calculated from the PRS (reference Clause E.9).

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ATTACHMENT J-10
SYSTEM AVAILABILITY REQUIREMENTS
MATRIX

Facility	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Sys
Number	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17	No. 18
4207	1			1			1	1	1		1	1	1	1	1	X	2	3
4619			X	X				X	X		X	X	X	X	X	X	2	3
4663	1		1	1	1		1	1	1		1	1	1	1	1	X	2	3
4708	X		X	X			X	X	X		X	X	X	X	X	X	2	3
4718	X						X	X	X		X	X	X	X	X	X	2	3
4718-500																		3
4718-600																		3
4754											X		X	X	X	X	2	3
4755	X		X	X			X	X	X		X	X	X	X	X	X	2	3

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ATTACHMENT J-10
SYSTEM AVAILABILITY REQUIREMENTS
Repair Codes

A	B	C	D	E	F	G
REPAIR CODE	SCOPE	ALLOWED TOTAL AVAILABILITY LOSS (NUMBER OF OCCURENCES)	ALLOWED PARTIAL AVAILABILITY LOSS (NUMBER OF OCCURENCES)	RESPONSE TIME - CORE HOURS	RESPONSE TIME - NON- CORE HOURS	REPAIR TIME
1	NASA Wide Effect	0	1	15 MIN	15 MIN	1 HR
2	Fire Alarm	0	1	15 MIN	15 MIN	24 HR
2	Gas Alarm	0	2	15 MIN	4 HR	24 HR
3	Maintenance Alarm (UCS)	1	4	15 MIN	4 HR	72 HR

Notes:

Same repair code for fire and gas alarm but availability requirements differ.
Scheduled shutdowns properly planned by the Contractor do not count towards an unavailability loss.

- A. Repair or alarm code.
- B. Description of repair or alarm code.
- C. Allowed availability loss is the number of times per month the system is not performing its intended function, providing output, or performing redundancy. Losses over the amount will be subject to deduction.
- D. Allowed partial availability loss in the number of times per month a partial system loss of availability occurs while the system output is generally intact and performing its intended function. Losses over the amount will be subject to deduction.
- E. & F. Maximum allowable time the Contractor will be on-site investigating details of the problem, following notification. Column E refers to response time during core working hours and column F refers to time allowed during non-core working hours.
- G. Maximum allowable time to get system functional or time for completed expedited repairs. Repair time listed does not include the response times listed for core or non-core working hours. Repair times may be invalidated for items exceeding the TC limit as defined in Paragraph 4.9. However, for repair code 1, the Contractor shall take temporary measure to restore output provided by original system within the time frames specified in column G.

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ATTACHMENT J-11
GENERATORS

LOCATION	DESCRIPTION
4200-GEN0001	Emergency Generator
4201-GEN0001	Emergency Generator
4201-GEN0002	Emergency Generator
4202-GEN0001	Emergency Generator
4203-GEN0001	Emergency Generator
4207-GEN0001	Emergency Generator
4207-GEN0004	Emergency Generator
4209-GEN0001	Emergency Generator
4249-GEN0001	Emergency Generator
4250-GEN0001	Emergency Generator
4436-GEN0001	Emergency Generator
4464-GEN0001	Emergency Generator
4470-GEN0001	Emergency Generator
4471-GEN0001	Emergency Generator
4475-GEN0001	Emergency Generator
4476-GEN0001	Emergency Generator
4481-GEN0001	Emergency Generator
4481-GEN0002	Emergency Generator
4482-GEN0001	Emergency Generator
4487B-GEN0001	Emergency Generator
4487C-GEN0001	Emergency Generator
4487C-GEN0002	Emergency Generator
4493-GEN0001	Emergency Generator
4551-GEN0001	Generator Emergency
4551-GENP0001	Generator Portable
4551-GENP0002	Generator Portable
4566-GEN0001	Emergency Generator
4583-GEN0001	Emergency Generator
4600-GEN0001	Generator
4605-GEN0001	Emergency Generator
4610-GEN0001	Emergency Generator
4612-GEN0002	Emergency Generator
4612-GEN0003	Generator Emergency
4619-GEN0001	Emergency Generator
4629-GEN0001	Emergency Generator
4640-GEN0001	Emergency Generator
4649-GEN0001	Emergency Generator
4649-GEN0002	Emergency Generator
4650-PGEN0001	Portable Generator
4650-PGEN0002	Portable Generator
4650-PGEN0003	Portable Generator
4650-PGEN0006	Portable Generator
4650-PGEN0007	Portable Generator
4650-PGEN0008	Portable Generator
4650-PGEN0011	Portable Generator
4650-PGEN0012	Portable Generator
4650-PGEN0013	Portable Generator
4650-PGEN0014	Portable Generator
4653-GEN0001	Emergency Generator
4663-GEN0001	Emergency Generator
4663-GEN0002	Emergency Generator

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ATTACHMENT J-11
GENERATORS

4663-GEN0003	Emergency Generator
4663-GEN0004	Emergency Generator
4663-GEN0005	Emergency Generator
4666-GEN0001	Emergency Generator
4674-GEN0001	Emergency Generator
4692-GEN0001	Emergency Generator
4705-GEN0001	Emergency Generator
4707-GEN0001	Emergency Generator
4708-GEN0001	Emergency Generator
4708-GEN0002	Emergency Generator
4718-3-GEN0001	Emergency Generator
4718-GEN0002	Emergency Generator
4755-GEN0001	Emergency Generator
4755-GEN0002	Emergency Generator
4761-GEN0001	Emergency Generator
7214-GEN0005	Generator Emergency
T4728-GEN0001	Emergency Generator

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Group By: Area No: 4200

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
069-00001	S-FLOAT FLOAT	SPIRAX SARCO 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00002	S-FLOAT FLOAT	SPIRAX SARCO 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00003	A-51 THERMO	NICHOLSON 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
069-00004	AHV-41 THERMO	NICHOLSON 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00005	A-51 THERMO	NICHOLSON 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
069-00006	A-51 THERMO	NICHOLSON 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
069-00007	WFT-075 FLOAT	OTHERS 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00008	811 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00009	811 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00010	THERMO THERMO	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00011	40-215 FLOAT	DUNHAM-BUSH 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00012	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00013	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00014	S-FLOAT FLOAT	SPIRAX SARCO 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00015	800 BUCKET	ARMSTRONG 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00016	811 BUCKET	ARMSTRONG 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00017	AHV-51 THERMO	NICHOLSON 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
069-00018	D-600 DISC	ERWEL 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4200

Area - Trap ID	Model Name	Manufacturer	Elevation	Priority	Insp. Freq.	Orientation	Pressure	H/Day	Condensate Rate	Connection Type	Trap Location
	Trap Type	Installed	Application	Operation	Stm Cost	Set Temp	B. Press.	D/Yr	Recovered?	Size	
069-00019	H-FLOAT	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	E-1
	FLOAT	5/2/2005	Process	Continuous	18.25	0	5	180	Yes	1.25	
069-00020	30-B5	ARMSTRONG	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	E-1
	FLOAT	5/2/2005	Process	Continuous	18.25	0	5	180	Yes	1.25	
069-00021	F- 15	ERWEL	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-1
	FLOAT	5/2/2005	Process	Continuous	18.25	0	5	180	Yes	1.25	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4201

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
070-00001	THERMO THERMO	OTHERS 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1 Basement
070-00002	A-FLOAT FLOAT	ARMSTRONG 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 Basement
070-00003	S-FLOAT FLOAT	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1 Basement
070-00004	40-515 FLOAT	DUNHAM-BUSH 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1 Basement
070-00005	THERMO THERMO	OTHERS 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 Basement
070-00006	J5X- 5 FLOAT	TLV 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1 Basement
070-00007	A-51 THERMO	NICHOLSON 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-5 Basement
070-00008	THERMO THERMO	OTHERS 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-5
070-00009	A-41 THERMO	NICHOLSON 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-5
070-00010	601A- 75 BUCKET	HOFFMAN 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-5

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4202

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
072-00001	THERMO THERMO	OTHERS 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement Steam Station
072-00002	800 BUCKET	ARMSTRONG 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement
072-00003	D-600 DISC	ERWEL 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement
072-00004	THERMO THERMO	OTHERS 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement
072-00005	D-600 DISC	ERWEL 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement
072-00006	811 BUCKET	ARMSTRONG 5/4/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement
072-00007	N-600 DISC	NICHOLSON 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement
072-00008	F-125 FLOAT	ERWEL 5/5/2006	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	Basement
072-00009	C- 75 BUCKET	ERWEL 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4306-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
023-00001	J3X-21	TLV	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	Rm.106
	FLOAT	3/1/2005	Drip	Unspecified	18.25	0	10	180	Yes	0.75	
023-00002	WD600	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Rm.106
	DISC	3/1/2005	Drip	Unspecified	18.25	0	5	180	Yes	0.75	
023-00003	F- 75	ERWEL	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Rm.106
	FLOAT	3/1/2005	Process	Unspecified	18.25	0	5	180	Yes	1.00	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4312-WS

Area - Trap ID	Model Name	Manufacturer	Elevation	Priority	Insp. Freq.	Orientation	Pressure	H/Day	Condensate Rate	Connection Type	Trap Location
	Trap Type	Installed	Application	Operation	Stm Cost	Set Temp	B. Press.	D/Yr	Recovered?	Size	
022-00001	TH-3A	DUNHAM-BUSH	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-1
	THERMO	3/1/2005	Drip	Unspecified	18.25	0	5	180	Yes	1.00	
022-00002	J3X-21	TLV	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-1
	FLOAT	3/1/2005	Drip	Unspecified	18.25	0	10	180	Yes	0.75	
022-00003	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-1
	THERMO	3/1/2005	Drip	Unspecified	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4353-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
024-00001	J3X-21 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	Shed west end
024-00002	800 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Shed West end
024-00003	FLOAT FLOAT	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm-2
024-00004	DISC DISC	OTHERS 3/21/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm-2
024-00005	800 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm-2
024-00006	B-61 THERMO	NICHOLSON 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	E-1
024-00007	A-41 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
024-00008	N-600 DISC	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
024-00009	N-600 DISC	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
024-00010	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
024-00011	600B-250 BUCKET	HOFFMAN 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4475-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
026-00001	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
026-00002	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
026-00003	J3X- 5 FLOAT	TLV 3/21/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
026-00004	WFT-075 FLOAT	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
026-00005	J3X-21 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4476-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
025-00001	F- 75 FLOAT	ERWEL 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.50	E-1
025-00002	1-550 FLOAT	HOFFMAN 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.50	E-1
025-00003	40-515 FLOAT	DUNHAM-BUSH 3/21/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	E-1
025-00004	J3X- 5 FLOAT	TLV 3/21/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	30 10	24 180	0 Yes	SCREW PT 0.50	E-1
025-00005	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.50	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4481-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
006-00001	J3X-10 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 20	24 180	0 Yes	SCREW PT 1.00	E-3
006-00002	J3X-21 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 20	24 180	0 Yes	SCREW PT 0.75	E-3
006-00003	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
006-00004	15-B8 FLOAT	ARMSTRONG 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 2.00	E-3
006-00005	A-41 THERMO	NICHOLSON 3/7/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-4
006-00006	FLOAT FLOAT	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-4
006-00007	40-215 FLOAT	DUNHAM-BUSH 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-4
006-00008	800 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-9
006-00009	THERMO THERMO	OTHERS 3/7/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-9
006-00010	F- 75 FLOAT	ERWEL 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-9
006-00011	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-4
006-00012	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-10
006-00013	40-415 FLOAT	DUNHAM-BUSH 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4485-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
014-00001	J5X-21 FLOAT	TLV 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	Outside East end
014-00002	NFT250 FLOAT	NICHOLSON 3/10/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	Outside East end
014-00003	J5X- 5 FLOAT	TLV 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.50	Outside East end
014-00004	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	E-1
014-00005	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-1
014-00006	601A-125 BUCKET	HOFFMAN 3/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-1
014-00007	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-3
014-00008	800 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
014-00009	D-600 DISC	ERWEL 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4487-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
064-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 0.75	E-9
064-00002	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 0.50	E-9
064-00003	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 1.50	E-9
064-00004	WD600 DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 0.75	E-9
064-00005	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 0.75	E-9
064-00006	2-553 FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 2.00	E-9
064-00007	11/4-55 FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 1.25	E-9
064-00008	D-600 DISC	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 0.75	E-12
064-00009	D-FLOAT FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 1.25	E-12
064-00010	D-FLOAT FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 2	24 365	0 Yes	SCREW PT 1.25	E-12
064-00011	AHV-31 THERMO	NICHOLSON 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-15
064-00012	N-THERMO THERMO	NICHOLSON 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-15
064-00013	A-THERMO THERMO	ARMSTRONG 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-15
064-00014	WD600 DISC	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.50	E-15
064-00015	DISC DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-15
064-00016	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.50	E-54
064-00017	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-54
064-00018	FLOAT FLOAT	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	E-54
064-00019	D-600 DISC	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 365	0 Yes	SCREW PT 1.00	E-18

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
064-00020	11/2-55 FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	E-18
064-00021	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	E-18
064-00022	D-600 DISC	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-18
064-00023	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-18
064-00024	FLOAT FLOOD	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	E-37
064-00025	FLOOD FLOOD	OTHERS 4/12/2007	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	E-37
064-00026	40-215 FLOOD	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-20
064-00027	812 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-20
064-00028	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-20

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4491-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
012-00001	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
012-00002	J3X- 5 FLOAT	TLV 3/9/2006	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	E-1
012-00003	15-B5 FLOAT	ARMSTRONG 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.25	E-1
012-00004	15-B5 FLOAT	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
012-00005	D-600 DISC	ERWEL 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
012-00006	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1
012-00007	11/2-590 FLOAT	HOFFMAN 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.50	E-1
012-00008	8C THERMO	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
012-00009	B-61 THERMO	NICHOLSON 3/9/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.25	E-1
012-00010	15-B3 FLOAT	ARMSTRONG 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
012-00011	8C THERMO	HOFFMAN 3/9/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4492-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
013-00001	J3X- 5 FLOAT	TLV 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	East end of 4492
013-00002	J3X-21 FLOAT	TLV 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	East end of 4492
013-00003	DISC DISC	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.112
013-00004	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.106
013-00005	191- 75 BUCKET	TRANE 4/12/2007	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2
013-00006	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2
013-00007	AHV-43 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.103
013-00008	DISC DISC	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.105

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4493-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
011-00001	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	E-1
011-00002	J3X- 5 FLOAT	TLV 3/8/2006	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 0.75	E-1
011-00003	D-600 DISC	ERWEL 3/8/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00004	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00005	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00006	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00007	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00008	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00009	3/4-TD52 DISC	SPIRAX SARCO 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00010	3/4-TD52 DISC	SPIRAX SARCO 3/8/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00011	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00012	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00013	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00014	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 0	24 180	0 Yes	SCREW PT 0.75	E-1
011-00015	DISC DISC	OTHERS 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-155
011-00016	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-155

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4566-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
032-00001	A-DISC DISC	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	80 5	24 180	0 Yes	SCREW PT 1.00	Rm.17
032-00002	A-DISC DISC	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.17
032-00003	A-DISC DISC	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.17
032-00004	DISC DISC	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.17
032-00005	1/2TA600 DISC	NICHOLSON 3/24/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	90 10	24 180	0 Yes	SCREW PT 0.75	Steam Station By Switch yard
032-00006	N-DISC DISC	NICHOLSON 3/24/2006	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	20 10	24 180	0 Yes	SCREW PT 0.75	Steam Station By Switch yard
032-00007	B-51 THERMO	NICHOLSON 3/24/2006	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 1.25	Steam Station By Switch yard
032-00008	DISC DISC	OTHERS 3/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	By NE Entrance
032-00009	DISC DISC	OTHERS 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	E-2
032-00010	N-601 DISC	NICHOLSON 3/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	E-2

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
027-00001	WD600 DISC	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 1.00	E-2
027-00002	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	E-2
027-00003	40-515 FLOAT	DUNHAM-BUSH 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2
027-00004	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00005	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00006	THERMO THERMO	OTHERS 4/12/2007	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	75 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00007	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	75 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00008	600B-125 BUCKET	HOFFMAN 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00009	600B-250 BUCKET	HOFFMAN 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
027-00010	WD600 DISC	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
073-00001	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South wall
073-00002	WD600 DISC	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South wall
073-00003	WD600 DISC	OTHERS 5/8/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South wall
073-00004	WD600 DISC	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South wall
073-00005	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South wall
073-00006	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 west wall
073-00007	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 west wall
073-00008	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 west wall
073-00009	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 west wall
073-00010	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 north wall
073-00011	WD600 DISC	OTHERS 5/8/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00012	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00013	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00014	WD600 DISC	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00015	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00016	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00017	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00018	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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073-00019	WD600 DISC	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 east wall
073-00020	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South east wall
073-00021	WD600 DISC	OTHERS 4/12/2007	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South east wall
073-00022	WD600 DISC	OTHERS 4/12/2007	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 13 South east wall
073-00023	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00024	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00025	H-FLOAT FLOAT	HOFFMAN 5/9/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00026	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00027	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00028	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00029	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00030	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00031	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00032	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00033	H-FLOAT FLOAT	HOFFMAN 5/9/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00034	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Gilmore Room
073-00035	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13
073-00036	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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073-00037	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13
073-00038	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13
073-00039	WD600 DISC	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13
073-00040	N-600 DISC	NICHOLSON 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	Rm.13 SE. Wall
073-00041	N-600 DISC	NICHOLSON 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.13 N. Wall
073-00042	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.13 N. Wall
073-00043	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.13 NW. Wall
073-00044	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.13 NW. Wall
073-00045	DISC DISC	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement Steam Station
073-00046	S-FLOAT FLOAT	SPIRAX SARCO 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Basement Steam Station
073-00047	40-415 FLOAT	DUNHAM-BUSH 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement
073-00048	40-415 FLOAT	DUNHAM-BUSH 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Basement
073-00049	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Basement
073-00050	A-51 THERMO	NICHOLSON 5/12/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Tunnel Outside E-1
073-00051	1-591 FLOAT	HOFFMAN 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
073-00052	FLOAT FLOAT	OTHERS 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 2.00	E-1
073-00053	J3X- 5 FLOAT	TLV 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
073-00054	J3X- 5 FLOAT	TLV 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.17 Steam Station

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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073-00055	31-8A FLOAT	DUNHAM-BUSH 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.17
073-00056	800 BUCKET	ARMSTRONG 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	Rm.17 AH005A
073-00057	800 BUCKET	ARMSTRONG 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.17 AH005B
073-00058	FLOAT FLOAT	OTHERS 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.17 AH005B
073-00059	1-591 FLOAT	HOFFMAN 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.125 NW Wall
073-00060	C-71 THERMO	NICHOLSON 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Rm.15 NW Wall
073-00061	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Rm.15 W Wall
073-00062	11/2-591 FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Rm.15 W Wall
073-00063	AHV-41 THERMO	NICHOLSON 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.15 W Wall
073-00064	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.15 North Wall
073-00065	FLOAT FLOAT	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Rm.15 East Wall
073-00066	FLOAT FLOAT	OTHERS 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Rm.15 East Wall
073-00067	FLOAT FLOAT	OTHERS 5/16/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Rm.15 East Wall
073-00068	H-FLOAT FLOAT	HOFFMAN 5/16/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-9
073-00069	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-9
073-00070	8C THERMO	HOFFMAN 5/16/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-9
073-00071	J3X- 5 FLOAT	TLV 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Horn Room
073-00072	THERMO THERMO	OTHERS 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Horn Room

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4619

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
073-00073	WFT-075 FLOAT	OTHERS 5/16/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Horn Room
073-00074	801-150 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Horn Room
073-00075	40-215 FLOAT	DUNHAM-BUSH 5/2/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Horn Room
073-00076	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	150 5	24 180	0 Yes	SCREW PT 2.00	E-6
073-00077	800 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
073-00078	800 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
073-00079	811 BUCKET	ARMSTRONG 5/2/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	150 5	24 180	0 Yes	SCREW PT 0.75	E-6

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4628-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
028-00001	FLOAT	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.132
	FLOAT	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	1.25	
028-00002	FLOAT	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.132
	FLOAT	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	1.25	
028-00003	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.132 South
	THERMO	3/1/2005	Drip	Continuous	18.25	0	4	180	Yes	0.75	
028-00004	BUCKET	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.132NE
	BUCKET	3/22/2005	Heating	Continuous	18.25	0	4	180	Yes	0.75	
028-00005	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.132 Middle/South
	THERMO	3/1/2005	Drip	Continuous	18.25	0	4	180	Yes	0.75	
028-00006	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.132 Middle South
	THERMO	3/22/2006	Drip	Continuous	18.25	0	4	180	Yes	0.75	
028-00007	J3X- 5	TLV	Indoor high	Important	12	horizontal	10	24	0	SCREW PT	Rm.132 Steam station
	FLOAT	3/1/2005	Drip	Continuous	18.25	0	4	180	Yes	0.50	
028-00008	N-THERMO	NICHOLSON	Indoor low	Important	12	horizontal	210	24	0	SCREW PT	Rm.132 Steam station
	THERMO	3/1/2005	Drip	Continuous	18.25	0	4	180	Yes	0.50	
028-00009	800	ARMSTRONG	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.132 Cond. Pump
	BUCKET	3/22/2006	Drip	Continuous	18.25	0	4	180	Yes	0.75	
028-00010	J3X- 5	TLV	Indoor low	Important	12	horizontal	12	24	0	SCREW PT	Rm.134
	FLOAT	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	
028-00011	800	ARMSTRONG	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.112A
	BUCKET	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	
028-00012	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.112A Heater
	THERMO	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	
028-00013	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Hall Rm.125
	THERMO	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	
028-00014	800	ARMSTRONG	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.117 Heater
	BUCKET	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	
028-00015	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Rm.105
	THERMO	3/1/2005	Process	Continuous	18.25	0	4	180	Yes	0.75	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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005-00001	H-BUCKET BUCKET	HOFFMAN 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	220 15	24 180	0 Yes	SCREW PT 0.75	E-2
005-00002	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	220 15	24 180	0 Yes	SCREW PT 0.75	E-2
005-00003	WD600 DISC	OTHERS 2/8/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 15	24 180	0 Yes	SCREW PT 0.75	E-2
005-00004	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 15	24 180	0 Yes	SCREW PT 1.00	E-2
005-00005	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 15	24 180	0 Yes	SCREW PT 0.75	E-2
005-00006	WFT-075 FLOAT	OTHERS 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 15	24 180	0 Yes	SCREW PT 2.00	E-2
005-00007	THERMO THERMO	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside Rm.205 Mezz.
005-00008	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Outside Rm.205 Mezz.
005-00009	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Rm.205
005-00010	THERMO THERMO	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside Rm.205 Mezz.
005-00011	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Rm.205
005-00012	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Rm.205
005-00013	THERMO THERMO	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Above Rm.205
005-00014	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Above Rm.205
005-00015	J3X-10 FLOAT	TLV 4/12/2007	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	220 5	24 180	0 Yes	SCREW PT 0.75	E-3
005-00016	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Above Rm.205
005-00017	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-3
005-00018	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.00	E-3

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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005-00019	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.00	E-3
005-00020	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.00	E-3
005-00021	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.00	E-3
005-00022	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	E-3
005-00023	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 1.00	E-3
005-00024	WD600 DISC	OTHERS 2/9/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Outside E-3
005-00025	WD600 DISC	OTHERS 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Outside E-3
005-00026	WD600 DISC	OTHERS 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Outside E-3
005-00027	WD600 DISC	OTHERS 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside Rm.27
005-00028	N-600 DISC	NICHOLSON 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Over HVAC Shop
005-00029	D-600 DISC	ERWEL 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Over HVAC Shop
005-00030	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Over HVAC Shop
005-00031	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Over HVAC Shop
005-00032	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Over HVAC Shop
005-00033	D-600 DISC	ERWEL 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Over HVAC Shop
005-00034	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Over HVAC Shop
005-00035	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	Millwright shop
005-00036	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Millwright Shop

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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005-00037	THERMO THERMO	OTHERS 2/10/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Millwright Shop
005-00038	FLOAT FLOAT	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Millwright Shop
005-00039	WD600 DISC	OTHERS 2/1/2006	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Filter Room
005-00040	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above tool room
005-00041	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above tool room
005-00042	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above tool room
005-00043	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above supply room
005-00044	WD600 DISC	OTHERS 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above west of supply room
005-00045	WD600 DISC	OTHERS 2/13/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above west of supply room
005-00046	D-600 DISC	ERWEL 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Above west of supply room
005-00047	J3X- 5 FLOAT	TLV 4/12/2007	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Critical Spares
005-00048	D-600 DISC	ERWEL 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Above Critical Spares
005-00049	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Millwright Storage
005-00050	D-600 DISC	ERWEL 4/12/2007	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Above Millwright Storage
005-00051	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Above Pipefitter Storage

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4659

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
071-00001	N-THERMO THERMO	NICHOLSON 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.00	Loading area Steam Station
071-00002	BUCKET BUCKET	OTHERS 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00003	15-B6 FLOAT	ARMSTRONG 5/5/2006	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00004	15-B6 FLOAT	ARMSTRONG 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00005	H-FLOAT FLOAT	HOFFMAN 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00006	H-FLOAT FLOAT	HOFFMAN 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00007	H-FLOAT FLOAT	HOFFMAN 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 1.50	Loading area Steam Station
071-00008	J3X- 5 FLOAT	TLV 5/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 0.75	Below Gr.
071-00009	D-600 DISC	ERWEL 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.50	High bay Heater
071-00010	D-600 DISC	ERWEL 5/5/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.50	High bay Heater
071-00011	800 BUCKET	ARMSTRONG 5/5/2005	Outdoor high Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	High bay Heater
071-00012	D-600 DISC	ERWEL 5/5/2005	Outdoor high Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	High bay Heater
071-00013	D-600 DISC	ERWEL 5/5/2005	Outdoor high Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
071-00014	D-600 DISC	ERWEL 5/5/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
071-00015	DISC DISC	OTHERS 5/5/2005	Outdoor high Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
071-00016	D-600 DISC	ERWEL 5/5/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
045-00001	601A-125 BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	75 5	24 180	0 Yes	SCREW PT 0.75	E-1
045-00002	DISC DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4674-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
043-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-1
043-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-1
043-00003	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 0.75	E-1
043-00004	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4675-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
042-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Boiler Room
042-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Boiler Room
042-00003	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	Boiler Room

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4676-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
044-00001	601A- 75 BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Pump Room
044-00002	601A- 75 BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Pump Room
044-00003	601A- 75 BUCKET	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Pump Room
044-00004	DISC DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Pump Room
044-00005	DISC DISC	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 180	0 Yes	SCREW PT 0.75	Pump Room

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4678

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
075-00001	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
075-00002	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
075-00003	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Garage Southend
075-00004	1-TD52 DISC	SPIRAX SARCO 5/22/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
075-00005	1-TD52 DISC	SPIRAX SARCO 5/22/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Garage Southend
075-00006	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Garage Southend
075-00007	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Garage NorthEnd
075-00008	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Garage Northend
075-00009	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Over the office
075-00010	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Storage Room
075-00011	1-TD52 DISC	SPIRAX SARCO 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Bathroom

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4702-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
007-00001	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	E-1 STEAM STATION
007-00002	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-1 STEAM STATION
007-00003	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	E-1 STEAM STATION
007-00004	FLOAT FLOAT	OTHERS 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-1 STEAM STATION
007-00005	J3X- 5 FLOAT	TLV 2/24/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	E-2 STEAM STATION
007-00006	40-415 FLOAT	DUNHAM-BUSH 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-2 AHU COIL

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4704-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
008-00001	A-DISC DISC	ARMSTRONG 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	50 5	24 180	0 Yes	SCREW PT 0.75	E-1 BY COND. PUMP
008-00002	15-B6 FLOAT	ARMSTRONG 2/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	26 5	24 180	0 Yes	SCREW PT 2.00	E-1 HEAT EXCHANGER
008-00003	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	26 5	24 180	0 Yes	SCREW PT 0.75	E-1 AT STATION
008-00004	WD600 DISC	OTHERS 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	50 5	24 180	0 Yes	SCREW PT 0.75	E-1 AT STATION
008-00005	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	E-1 OVER BOILER

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
053-00001	CD-43 DISC	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-12
053-00002	40-215 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-12
053-00003	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-12
053-00004	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
053-00005	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-1
053-00006	DISC DISC	OTHERS 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00007	DISC DISC	OTHERS 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00008	3/4TD3-3 DISC	SPIRAX SARCO 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00009	DISC DISC	OTHERS 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00010	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00011	D-600 DISC	ERWEL 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.12 NBS
053-00012	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00013	A-BUCKET BUCKET	ARMSTRONG 4/4/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00014	30-B3 FLOAT	ARMSTRONG 4/12/2007	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.11 NBS
053-00015	N-600 DISC	NICHOLSON 4/12/2007	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00016	CD-61 DISC	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00017	CD-61 DISC	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	NBS
053-00018	30-B5 FLOAT	ARMSTRONG 4/10/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-11
053-00019	WFT-125 FLOAT	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-11

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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053-00020	WFT-125 FLOAT	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-11
053-00021	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-16
053-00022	FLOAT FLOAT	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	B128 Mens Rm.
053-00023	A-THERMO THERMO	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-8
053-00024	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-8
053-00025	A-51 THERMO	NICHOLSON 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-9
053-00026	A-51 THERMO	NICHOLSON 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-9
053-00027	FLOAT FLOAT	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-9
053-00028	30-B5 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-9
053-00029	WD600 DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	200 5	24 180	0 Yes	SCREW PT 0.75	Rm.26 westside
053-00030	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	50 10	24 180	0 Yes	SCREW PT 0.75	B119F
053-00031	R-225 THERMO	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	50 10	24 180	0 Yes	SCREW PT 0.75	B119F
053-00032	J3X-21 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 10	24 180	0 Yes	SCREW PT 1.00	E14
053-00033	WFT-125 FLOAT	OTHERS 4/10/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Machine Shop AH0010
053-00034	413 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	200 10	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00035	AHV-51 THERMO	NICHOLSON 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00036	H-FLOAT FLOAT	HOFFMAN 4/10/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Grind Shop
053-00037	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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053-00038	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Grind Shop
053-00039	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00040	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00041	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Grind Shop
053-00042	800 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00043	800 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop
053-00044	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Machine Shop AH11
053-00045	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Machine Shop AH11A
053-00046	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Machine Shop AH13
053-00047	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Machine Shop AH13A
053-00048	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Machine Shop AH14
053-00049	THERMO THERMO	OTHERS 4/10/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	North Machine Shop N. Wall
053-00050	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	North Machine Shop N. Wall
053-00051	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	NorthWest Machine Shop
053-00052	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	NorthWest Machine Shop
053-00053	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	NorthWest Machine Shop
053-00054	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside Rm.206 AH0015
053-00055	FLOAT FLOAT	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Machine Shop AH0006

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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053-00056	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Machine Shop AH006A
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00057	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Machine Shop AH0007
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00058	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Machine Shop AH007A
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00059	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Machine Shop AH0008
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00060	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Machine Shop AH0004
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00061	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00062	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00063	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00064	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/12/2007	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00065	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
053-00066	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	BUCKET	4/11/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
053-00067	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00068	FLOAT	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	East Hibay
	FLOAT	4/12/2007	Process	Continuous	18.25	0	5	180	Yes	0.75	
053-00069	AHV-41	NICHOLSON	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
053-00070	601A-150	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
053-00071	601A-150	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
053-00072	601A-150	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
053-00073	601A-150	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
053-00074	AHV-41 THERMO	NICHOLSON 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Store Room
053-00075	THERMO THERMO	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-00076	601A- 75 BUCKET	HOFFMAN 4/12/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-00077	601A- 75 BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-00078	FLOAT FLOAT	OTHERS 4/12/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-00079	800 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-00080	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West Hibay
053-0042A	800 BUCKET	ARMSTRONG 1/30/2007	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Grind Shop

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
010-00001	J3X-21 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 365	0 Yes	SCREW PT 1.00	RM.125
010-00002	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.125
010-00003	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 365	0 Yes	SCREW PT 0.75	RM.125
010-00004	401SH BUCKET	ARMSTRONG 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.125
010-00005	H-FLOAT FLOAT	HOFFMAN 2/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-1
010-00006	15-B3 FLOAT	ARMSTRONG 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.50	E-1
010-00007	N125-32 THERMO	NICHOLSON 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	E-1
010-00008	JH3X- 5 FLOAT	TLV 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.50	E-1
010-00009	N125-32 THERMO	NICHOLSON 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-1
010-00010	J3X-21 FLOAT	TLV 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-1
010-00011	C-THERMO THERMO	CLARK-RE 2/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.16 TOP OF PAINT BOOTH
010-00012	175-A5 FLOAT	ARMSTRONG 2/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.25	RM.16 TOP OF PAINT BOOTH
010-00013	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	210 10	24 365	0 Yes	SCREW PT 1.00	OUTSIDE RM.136
010-00014	N-THERMO THERMO	NICHOLSON 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	80 10	24 365	0 Yes	SCREW PT 0.75	OUTSIDE RM.136
010-00015	E-BUCKET BUCKET	ERWEL 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.140
010-00016	812- 70 BUCKET	ARMSTRONG 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.140
010-00017	J3X- 5 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.140
010-00018	N-DISC DISC	NICHOLSON 2/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.140

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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010-00019	T-BUCKET BUCKET	TLV 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	WEST OF RM.130
010-00020	BPT21 THERMO	SPIRAX SARCO 2/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	200 5	24 365	0 Yes	SCREW PT 0.75	RM.140
010-00021	40-215 FLOAT	DUNHAM-BUSH 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	RM.157B
010-00022	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 365	0 Yes	SCREW PT 0.75	RM.157B
010-00023	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 365	0 Yes	SCREW PT 0.75	RM.140
010-00024	A-51 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	15 5	24 365	0 Yes	SCREW PT 1.00	RM.157B
010-00025	AHV-51 THERMO	NICHOLSON 4/12/2007	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 365	0 Yes	SCREW PT 1.00	RM.157B
010-00026	AHV-51 THERMO	NICHOLSON 4/12/2007	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	15 5	24 365	0 Yes	SCREW PT 1.00	RM.157B
010-00027	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	East of Rm.102
010-00028	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	East of Rm.102
010-00029	DISC DISC	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	East of E-5
010-00030	AHV-21 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	West of E-5
010-00031	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 10	24 365	0 Yes	SCREW PT 0.75	Over Hydro Blaster
010-00032	H-FLOAT FLOAT	HOFFMAN 3/1/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 10	24 365	0 Yes	SCREW PT 0.75	Over Hydro Blaster
010-00033	THERMO THERMO	OTHERS 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	150 10	24 365	0 Yes	SCREW PT 0.75	Over Sofi Spray
010-00034	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	150 10	24 365	0 Yes	SCREW PT 1.00	Over Sofi Spray
010-00035	800 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	150 20	24 365	0 Yes	SCREW PT 0.75	Over Sofi Spray
010-00036	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 20	24 365	0 Yes	SCREW PT 0.75	Over Sofi Spray

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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010-00037	75-A3 FLOAT	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Over Sofi Spray
010-00038	800 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Over Sofi Spray
010-00039	A-DISC DISC	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	150 5	24 365	0 Yes	SCREW PT 1.00	Over Sofi Spray
010-00040	WFT-125 FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside Rm.154
010-00041	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside Rm.154
010-00042	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside Rm.154
010-00043	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	Outside Rm.154
010-00044	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	Outside Rm.154
010-00045	1-F125 FLOAT	SPIRAX SARCO 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 2.00	Outside Rm.154
010-00046	A-FLOAT FLOAT	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	Outside Rm.154
010-00047	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside E-6
010-00048	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside E-6
010-00049	J3X- 5 FLOAT	TLV 4/12/2007	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-6 Hallway
010-00050	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	E-3
010-00051	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	150 10	24 365	0 Yes	SCREW PT 0.75	Outside Rm.154
010-00052	OB-A1 BUCKET	DUNHAM-BUSH 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-2
010-00053	S-BUCKET BUCKET	SPIRAX SARCO 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-2
010-00054	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Over Rm. 220A

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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010-00055	THERMO THERMO	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	E-6
010-00056	FLOAT FLOAT	OTHERS 3/6/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Outside Rm. 120D
010-00057	J3X-10 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	200 10	24 365	0 Yes	SCREW PT 1.00	Outside E-4
010-00058	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 365	0 Yes	SCREW PT 0.75	Outside E-4
010-00059	E-BUCKET BUCKET	ERWEL 3/6/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	30 5	24 365	0 Yes	SCREW PT 0.75	Tower below HV00011
010-00060	600B-125 BUCKET	HOFFMAN 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 365	0 Yes	SCREW PT 0.75	off HV0011 Tower 2nd
010-00061	S-FLOAT FLOAT	SPIRAX SARCO 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	30 5	24 365	0 Yes	SCREW PT 2.00	Off HV0011 Tower 2nd floor
010-00062	75-A6 FLOAT	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	HV0014 Tower
010-00063	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	HV0012 Tower 2nd Floor
010-00064	DISC DISC	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Humidify #10 Tower 3rd
010-00065	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Humidifier #10 Tower 3rd
010-00066	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.25	Below AH00010 3rd
010-00067	A-FLOAT FLOAT	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.50	AH0011 Tower 4th Floor
010-00068	811-250 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	AH0011 Tower 4th Floor
010-00069	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 2.00	Room north of E-4
010-00070	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Rm.120E
010-00071	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	Rm.120E
010-00072	3/4-55 FLOAT	HOFFMAN 12/26/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Rm.157B

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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010-00073	3/4-55 FLOAT	HOFFMAN 12/26/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Rm.157B

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
067-00001	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	North West ENTRANCE
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	OVERHEAD
067-00002	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVERHEAD 1ST FLOOR EAST
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	OF WEST ENTRANCE
067-00003	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVERHEAD 1ST FLOOR
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	WAST OF N/W ENTRANCE
067-00004	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVERHEAD 1ST FLOOR EAST
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	OF NORTH WEST ENTRANCE
067-00005	THERMO	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	North West ENTRANCE
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	OVERHEAD
067-00006	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD 1ST FLOOR
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00007	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD 1ST FLOOR
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00008	40-415	DUNHAM-BUSH	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.246
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00009	40-415	DUNHAM-BUSH	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.246
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00010	F- 75	ERWEL	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.246B
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00011	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.246B
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00012	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.248B
	BUCKET	4/26/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00013	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00014	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254B
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00015	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254B
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00016	F- 75	ERWEL	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254B
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00017	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254/255
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
067-00018	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.254/254B
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
067-00019	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	OVER HEAD RM.241A
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4708ABOVECEILING-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
067-00020	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	OVER HEAD RM.241A
067-00021	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	OVER HEAD RM.241A
067-00022	40-215 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	OVER HEAD RM.1261/1262
067-00023	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	OVER HEAD RM.1263/1264
067-00024	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	OVER HEAD RM.1264
067-00025	C-BUCKET BUCKET	CLARK-RE 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	OVER HEAD RM.1259A
067-00026	40-415 FLOAT	DUNHAM-BUSH 4/26/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	OVER HEAD RM.1259B

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4708-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
003-00001	H-FLOAT FLOAT	HOFFMAN 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-3
003-00002	BUCKET BUCKET	OTHERS 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
003-00003	CD-43 DISC	ARMSTRONG 2/14/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
003-00004	CD-43 DISC	ARMSTRONG 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	150 10	24 180	0 Yes	SCREW PT 0.75	E-3
003-00005	WFT-075 FLOAT	OTHERS 2/14/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
003-00006	A-41 THERMO	NICHOLSON 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
003-00007	A-41 THERMO	NICHOLSON 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
003-00008	A-41 THERMO	NICHOLSON 2/14/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
003-00009	40-515 FLOAT	DUNHAM-BUSH 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1
003-00010	A-41 THERMO	NICHOLSON 2/14/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
003-00011	D-600 DISC	ERWEL 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
003-00012	D-600 DISC	ERWEL 2/14/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
003-00013	D-600 DISC	ERWEL 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
003-00014	1010 BUCKET	ARMSTRONG 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	70 10	24 180	0 Yes	SCREW PT 0.75	E-6
003-00015	THERMO THERMO	OTHERS 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
003-00016	J3X-21 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 20	24 180	0 Yes	SCREW PT 1.00	E-6
003-00017	D-600 DISC	ERWEL 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6
003-00018	WD600 DISC	OTHERS 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 20	24 180	0 Yes	SCREW PT 0.75	E-12
003-00019	F- 75 FLOAT	ERWEL 2/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	10 10	24 180	0 Yes	SCREW PT 1.50	E-12

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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003-00020	THERMO	OTHERS	Indoor low	Important	12	horizontal	10	24	0	SCREW PT	E-12
	THERMO	2/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
003-00021	A-BUCKET	ARMSTRONG	Indoor low	Important	12	horizontal	10	24	0	SCREW PT	E-12
	BUCKET	2/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
003-00022	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00023	S-FLOAT	SPIRAX SARCO	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	1.25	
003-00024	CD-43	ARMSTRONG	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	DISC	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.50	
003-00025	CD-43	ARMSTRONG	Indoor low	Important	12	horizontal	180	24	0	SCREW PT	E-7
	DISC	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.50	
003-00026	J3X-21	TLV	Indoor low	Important	12	horizontal	180	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Process	Continuous	18.25	0	15	365	Yes	1.00	
003-00027	A-BUCKET	ARMSTRONG	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	BUCKET	2/15/2005	Drip	Continuous	18.25	0	5	365	Yes	0.50	
003-00028	J3X- 5	TLV	Indoor low	Important	12	horizontal	220	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00029	J3X- 5	TLV	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	20	365	Yes	0.75	
003-00030	J3X- 5	TLV	Indoor low	Important	12	horizontal	30	24	0	SCREW PT	E-7
	FLOAT	2/16/2005	Drip	Continuous	18.25	0	5	365	Yes	0.50	
003-00031	Z-FLOAT	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	1.50	
003-00032	H-BUCKET	HOFFMAN	Indoor low	Important	12	horizontal	220	24	0	SCREW PT	E-7
	BUCKET	2/16/2006	Process	Continuous	18.25	0	20	365	Yes	1.00	
003-00033	BUCKET	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-7
	BUCKET	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00034	1811	ARMSTRONG	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-20
	BUCKET	2/1/2005	Drip	Continuous	18.25	0	20	365	Yes	0.75	
003-00035	J3X- 5	TLV	Indoor low	Important	12	horizontal	10	24	0	SCREW PT	E-20
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.50	
003-00036	J3X- 5	TLV	Indoor low	Important	12	horizontal	10	24	0	SCREW PT	E-20
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00037	J3X-21	TLV	Indoor low	Important	12	horizontal	210	24	0	SCREW PT	Rm.1110B
	FLOAT	2/16/2006	Drip	Continuous	18.25	0	20	365	Yes	0.75	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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003-00038	FLOAT	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Rm.1110B
	FLOAT	2/16/2005	Process	Continuous	18.25	0	5	365	Yes	1.50	
003-00039	40-415	DUNHAM-BUSH	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Rm.1110B
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	1.00	
003-00040	FLOAT	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Rm.1110B
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00041	H-FLOAT	HOFFMAN	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00042	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.50	
003-00043	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	180	Yes	1.50	
003-00044	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00045	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/21/2005	Process	Continuous	18.25	0	5	365	Yes	1.50	
003-00046	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00047	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00048	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00049	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	4/12/2007	Drip	Continuous	18.25	0	5	365	Yes	0.75	
003-00050	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Drip	Continuous	18.25	0	5	365	Yes	1.00	
003-00051	40-415	DUNHAM-BUSH	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00052	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00053	40-415	DUNHAM-BUSH	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/21/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00054	J3X- 5	TLV	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/1/2005	Process	Continuous	18.25	0	5	365	Yes	1.25	
003-00055	40-415	DUNHAM-BUSH	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	West Hibay
	FLOAT	2/21/2005	Process	Continuous	18.25	0	5	365	Yes	1.00	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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003-00056	J3X- 5 FLOAT	TLV 2/21/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.25	West Hibay
003-00057	H-FLOAT FLOAT	HOFFMAN 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	West Hibay
003-00058	H-FLOAT FLOAT	HOFFMAN 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	West Hibay
003-00059	D-600 DISC	ERWEL 4/12/2007	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	West Hibay
003-00060	E-BUCKET BUCKET	ERWEL 4/12/2007	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	West Hibay
003-00061	D-600 DISC	ERWEL 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.50	West Hibay
003-00062	J3X-21 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	West Hibay
003-00063	601A- 75 BUCKET	HOFFMAN 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	70 10	24 365	0 Yes	SCREW PT 0.75	B34
003-00064	1-553 FLOAT	HOFFMAN 2/28/2006	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.1110B
003-00065	40-215 FLOAT	DUNHAM-BUSH 2/28/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.1110B

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4714-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
009-00001	J3X- 5 FLOAT	TLV 2/24/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	STATION OUTSIDE
009-00002	17C THERMO	HOFFMAN 2/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AT COND. PUMP
009-00003	H-FLOAT FLOAT	HOFFMAN 2/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	STATION OUTSIDE
009-00004	FLOAT FLOAT	OTHERS 2/24/2005	Outdoor low Process	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 2.50	AT HEAT EXCHANGER

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
068-00001	BUCKET	OTHERS	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	E-1
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00002	WD600	OTHERS	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	E-1
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
068-00003	800	ARMSTRONG	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	E-1
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00004	WD600	OTHERS	Indoor high	Important	12	vertical	15	24	0	SCREW PT	E-1
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00005	30-J8	ARMSTRONG	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	2.00	
068-00006	THERMO	OTHERS	Indoor low	Important	12	horizontal	15	24	0	SCREW PT	E-1
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00007	DISC	OTHERS	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	RM.100
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
068-00008	1010	ARMSTRONG	Indoor high	Important	12	vertical	15	24	0	SCREW PT	RM.100
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	
068-00009	600B-125	HOFFMAN	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	RM.100
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00010	N-600	NICHOLSON	Indoor high	Important	12	horizontal	15	24	0	SCREW PT	RM.100
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
068-00011	H-FLOAT	HOFFMAN	Indoor low	Important	12	horizontal	15	24	0	SCREW PT	3RD FLR EQ RM
	FLOAT	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	1.00	
068-00012	B12X- 30	SPIRAX SARCO	Indoor low	Important	12	horizontal	15	24	0	SCREW PT	3RD FLR EQ RM
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	
068-00013	DISC	OTHERS	Indoor low	Important	12	horizontal	15	24	0	SCREW PT	3RD FLR EQ RM
	DISC	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
068-00014	DISC	OTHERS	Indoor low	Important	12	horizontal	15	24	0	SCREW PT	3RD FLR EQ RM
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4723-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
016-00001	IB30/4	SPIRAX SARCO	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-1
	BUCKET	3/1/2005	Drip	Unspecified	18.25	0	5	180	Yes	0.75	
016-00002	H-FLOAT	HOFFMAN	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	E-1
	FLOAT	3/1/2005	Drip	Unspecified	18.25	0	5	180	Yes	1.50	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4727-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
015-00001	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
015-00002	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
015-00003	J3X- 5 FLOAT	TLV 3/20/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
015-00004	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
015-00005	881 BUCKET	ARMSTRONG 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
015-00006	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
015-00007	J3X- 5 FLOAT	TLV 3/20/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	E-2
015-00008	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-2
015-00009	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	E-2

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4728-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
019-00001	S-THERMO THERMO	SPIRAX SARCO 3/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
019-00002	S-THERMO THERMO	SPIRAX SARCO 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
019-00003	FLOAT FLOAT	OTHERS 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
019-00004	812 BUCKET	ARMSTRONG 3/20/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
019-00005	D-600S DISC	ERWEL 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-2
019-00006	601A- 75 BUCKET	HOFFMAN 3/1/2005	Indoor high Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	South end of building
019-00007	601A- 75 BUCKET	HOFFMAN 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	South West Corner
019-00008	55AM FLOAT	TRANE 3/1/2005	Indoor low Process	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	AH0005
019-00009	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	AH0006

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4732-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
020-00001	CD-43 DISC	ARMSTRONG 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside tank 4737
020-00002	J3X- 5 FLOAT	TLV 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	200 5	24 180	0 Yes	SCREW PT 0.75	Outside by tank 4737
020-00003	WFT-125 FLOAT	OTHERS 3/1/2005	Outdoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Outside by tank 4737
020-00004	N-THERMO THERMO	NICHOLSON 11/22/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Outside by tank
020-00005	THERMO THERMO	OTHERS 12/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Outside by tank

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4735-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
021-00001	812 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 2.00	heater
021-00002	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	heater

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4738-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
052-00001	THERMO THERMO	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Southend
052-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Southend
052-00003	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North End
052-00004	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North East Wall
052-00005	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	200 5	24 180	0 Yes	SCREW PT 0.75	North East Wall

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4739

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
076-00001	125-A5 FLOAT	ARMSTRONG 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.25	E-1
076-00002	125-A5 FLOAT	ARMSTRONG 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.25	E-1
076-00003	75-A3 FLOAT	ARMSTRONG 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
076-00004	WFT-075 FLOAT	OTHERS 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
076-00005	WFT-030 FLOAT	OTHERS 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	45 5	24 180	0 Yes	SCREW PT 0.50	E-1
076-00006	WFT-030 FLOAT	OTHERS 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	45 5	24 180	0 Yes	SCREW PT 0.50	E-1
076-00007	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
076-00008	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-1
076-00009	H-FLOAT FLOAT	HOFFMAN 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	E-1
076-00010	75-A3 FLOAT	ARMSTRONG 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
076-00011	H-BUCKET BUCKET	HOFFMAN 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.107
076-00012	125-A5 FLOAT	ARMSTRONG 5/2/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Above Ceiling Rm.100
076-00013	125-A5 FLOAT	ARMSTRONG 5/2/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Above Ceiling Rm.100

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4755-WS

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033-00001	H-FLOAT FLOAT	HOFFMAN 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1
033-00002	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
033-00003	CD-43 DISC	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1
033-00004	DISC DISC	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4759-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
040-00001	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
040-00002	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
040-00003	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Office 110
040-00004	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Office 110
040-00005	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	ladies Rest Room
040-00006	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
040-00007	WD600 DISC	OTHERS 3/27/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
040-00008	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
040-00009	WD600 DISC	OTHERS 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.103
040-00010	WD600 DISC	OTHERS 3/27/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.105

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4760-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
066-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END STEAM STATION
066-00002	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END ABOVE DOOR
066-00003	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END ABOVE DOOR
066-00004	A-41 THERMO	NICHOLSON 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END ABOVE DOOR
066-00005	CA-125 BUCKET	ERWEL 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END ABOVE DOOR
066-00006	THERMO THERMO	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	EAST END ABOVE DOOR
066-00007	1-55 FLOAT	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	EAST END ABOVE DOOR
066-00008	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	EAST END ABOVE DOOR
066-00009	THERMO THERMO	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.119
066-00010	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	RM.106
066-00011	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	RM.106
066-00012	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
066-00013	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.105
066-00014	800 BUCKET	ARMSTRONG 4/21/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 SOUTH
066-00015	THERMO THERMO	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 SOUTH
066-00016	C-125 BUCKET	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 SOUTH
066-00017	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00018	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00019	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
066-00020	Y-DISC DISC	YARWAY 4/21/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00021	Y-DISC DISC	YARWAY 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00022	THERMO THERMO	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00023	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00024	Y-DISC DISC	YARWAY 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00025	Y-DISC DISC	YARWAY 4/21/2006	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00026	DISC DISC	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00027	DISC DISC	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00028	DISC DISC	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00029	DISC DISC	OTHERS 4/21/2005	Indoor low Process	Important Continuous	12 18.25	vertical 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00030	Y-DISC DISC	YARWAY 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00031	Y-DISC DISC	YARWAY 4/21/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00032	Y-DISC DISC	YARWAY 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 MIDDLE
066-00033	Y-DISC DISC	YARWAY 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00034	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	RM.106 NORTH
066-00035	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	OVER LAB
066-00036	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	TANK# 72
066-00037	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	TANK# 72

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4760-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
066-00038	1-55 FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	TANK# 72
066-00039	175-A4 FLOAT	ARMSTRONG 4/21/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	TANK# 71
066-00040	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	TANK# 67
066-00041	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00042	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00043	DISC DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	BASEMENT
066-00044	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00045	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00046	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00047	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00048	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00049	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00050	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00051	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00052	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00053	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00054	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00055	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
066-00056	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00057	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00058	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00059	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00060	175-A4 FLOAT	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	BASEMENT
066-00061	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	COL. 9 South
066-00062	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	COL. 9 South
066-00063	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	COL. 9 North
066-00064	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	COL. 9 North
066-00065	DISC DISC	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Paint Booth
066-00066	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Paint Booth
066-00067	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	Paint Booth
066-00068	815 BUCKET	ARMSTRONG 4/25/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 2.00	Paint Booth
066-00069	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Paint Booth
066-00070	WD600 DISC	OTHERS 4/25/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Paint Booth

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: 4761-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
004-00001	J3X-21 FLOAT	TLV 2/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 5	24 365	0 No (To drain)	SCREW NPT 0.75	North of control Room
004-00002	J3X- 5 FLOAT	TLV 2/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 No (To drain)	SCREW NPT 0.75	Outside rm.107
004-00003	J3X- 5 FLOAT	TLV 2/8/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 No (To drain)	SCREW NPT 0.75	Outside rm.107
004-00004	J3X- 5 FLOAT	TLV 2/8/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 No (To drain)	SCREW NPT 0.75	Outside rm.107
004-00005	S-FLOAT FLOAT	SPIRAX SARCO 2/8/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 No (To drain)	SCREW NPT 0.75	Outside rm.107
004-00006	211/6 BUCKET	SPIRAX SARCO 2/8/2006	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 No (To drain)	SCREW NPT 0.75	Outside rm.107

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4765-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
035-00001	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
035-00002	TD251 DISC	SPIRAX SARCO 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
035-00003	40-215 FLOAT	DUNHAM-BUSH 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
035-00004	TD251 DISC	SPIRAX SARCO 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
035-00005	TD251 DISC	SPIRAX SARCO 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1
035-00006	40-215 FLOAT	DUNHAM-BUSH 3/27/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4767-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
037-00001	AHV-41 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm. 1
037-00002	800 BUCKET	ARMSTRONG 3/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	East Side
037-00003	J3X- 5 FLOAT	TLV 3/27/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	East Side

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4776-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
018-00001	AHV-51 THERMO	NICHOLSON 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
018-00002	800 BUCKET	ARMSTRONG 3/20/2006	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Hibay
018-00003	A-41 THERMO	NICHOLSON 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
018-00004	800 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: 4777-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
017-00001	J3X- 5 FLOAT	TLV 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
017-00002	THERMO THERMO	OTHERS 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
017-00003	A-BUCKET BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Unspecified	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4203-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
031-00001	BUCKET BUCKET	OTHERS 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 1.00	Steam Staion B200A
031-00002	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	Steam Staion B200A
031-00003	1-55 FLOAT	HOFFMAN 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	East Wall
031-00004	2-55 FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 2.00	Converter
031-00005	2-55 FLOAT	HOFFMAN 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 2.00	Converter

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4241-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
029-00001	D-600 DISC	ERWEL 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
029-00002	A-51 THERMO	NICHOLSON 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	725 5	24 180	0 Yes	SCREW PT 1.00	E-1
029-00003	811 BUCKET	ARMSTRONG 3/27/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	High Bay AH4
029-00004	811 BUCKET	ARMSTRONG 3/27/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	High Bay AH4
029-00005	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Unit Heater North
029-00006	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North Wall
029-00007	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AH-1 E-2
029-00008	811 BUCKET	ARMSTRONG 3/27/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AH-2 E-2

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4244-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
030-00001	811 BUCKET	ARMSTRONG 3/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam station
030-00002	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 CRU1
030-00003	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 Stairwell

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4249-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
038-00001	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	Floor AH-2
038-00002	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	Middle AH-2
038-00003	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Unit Heater
038-00004	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	Above AH-2
038-00005	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.25	AH-1 Middle
038-00006	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Unit Heater
038-00007	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Above Unit Heater

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4250-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
039-00001	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Steam Station S/W corner
039-00002	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	AH-6
039-00003	BUCKET BUCKET	OTHERS 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.25	AH-3
039-00004	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	AH-2
039-00005	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	AH-4
039-00006	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AH-5
039-00007	811 BUCKET	ARMSTRONG 3/27/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	AH-1 E-1
039-00008	811 BUCKET	ARMSTRONG 3/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
039-00009	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1 HWH#2
039-00010	811 BUCKET	ARMSTRONG 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
039-00011	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AH-7
039-00012	811 BUCKET	ARMSTRONG 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	AH-7

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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065-00001	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-3
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
065-00002	600B- 75	HOFFMAN	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-5
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
065-00003	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-5
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00004	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	OVERHEAD IN OLD SUPPLY
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	ROOM
065-00005	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	OVERHEAD IN OLD SUPPLY
	THERMO	4/17/2006	Drip	Continuous	18.25	0	5	180	Yes	0.75	ROOM
065-00006	D-600	ERWEL	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	OVERHEAD IN OLD SUPPLY
	DISC	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	ROOM
065-00007	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	OVERHEAD IN OLD SUPPLY
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	ROOM
065-00008	11/2FT15	SPIRAX SARCO	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	OVERHEAD IN OLD SUPPLY
	FLOAT	4/12/2007	Drip	Continuous	18.25	0	5	180	Yes	1.50	ROOM
065-00009	J3X-21	TLV	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00010	J3X- 5	TLV	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00011	D-BUCKET	DUNHAM-BUSH	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-1
	BUCKET	4/17/2006	Drip	Continuous	18.25	0	5	180	Yes	1.25	
065-00012	J3X-21	TLV	Indoor low	Important	12	horizontal	200	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00013	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-8
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.25	
065-00014	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-8
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.50	
065-00015	FLOAT	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-8
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
065-00016	AHV-31	NICHOLSON	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.182 AH0005
	THERMO	4/17/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
065-00017	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.182 AH0005
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
065-00018	A-BUCKET	ARMSTRONG	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	Rm.195
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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065-00019	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.195
065-00020	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.195
065-00021	A-BUCKET BUCKET	ARMSTRONG 4/17/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.195
065-00022	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Rm.195
065-00023	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Main Westend
065-00024	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Main westend
065-00025	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Main Southend
065-00026	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Main south west
065-00027	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	Southside
065-00028	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	Southside
065-00029	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	South wall
065-00030	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	South wall
065-00031	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	South wall
065-00032	BUCKET BUCKET	OTHERS 4/17/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	South wall
065-00033	601A- 75 BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	South wall
065-00034	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	South wall
065-00035	THERMO THERMO	OTHERS 4/17/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	Mid West Wall
065-00036	D-THERMO THERMO	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	Mid West Wall

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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065-00037	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	East Mid way
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	
065-00038	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	East midway
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00039	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	East Wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
065-00040	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	East Wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4472-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
047-00001	T-FLOAT FLOAT	TLV 4/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	North West Corner
047-00002	T-FLOAT FLOAT	TLV 4/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	North West Corner
047-00003	A-51 THERMO	NICHOLSON 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 1.00	Westend Inside

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4483-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
041-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	Steam Station
041-00002	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.75	Steam Station
041-00003	J3X-5VH FLOAT	TLV 4/3/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Station
041-00004	WD600 DISC	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Station Drip leg
041-00005	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Heater
041-00006	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Heater
041-00007	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Heater
041-00008	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Heater
041-00009	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam heater
041-00010	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	22 5	24 180	0 Yes	SCREW PT 0.50	Steam Heater West End
041-00011	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00012	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00013	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00014	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00015	WD600 DISC	OTHERS 4/3/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00016	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00017	WD600 DISC	OTHERS 4/3/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00018	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00019	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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041-00020	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater West end
041-00021	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00022	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi bay
041-00023	J3X- 5 FLOAT	TLV 4/3/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00024	J3X- 5 FLOAT	TLV 4/3/2006	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00025	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00026	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00027	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Steam Heater Hi Bay
041-00028	AHV-51 THERMO	NICHOLSON 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Platform over Tool Room
041-00029	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	Platform over Tool Room

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
049-00001	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	West Side
049-00002	600B- 75 BUCKET	HOFFMAN 4/12/2007	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-2
049-00003	C-THERMO THERMO	CLARK-RE 4/1/2005	Outdoor low Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-2
049-00004	55AM FLOAT	TRANE 4/12/2007	Indoor high Drip	Important Continuous	12 18.25	vertical 0	15 5	24 180	0 Yes	SCREW PT 0.75	Attic North West End
049-00005	N-DISC DISC	NICHOLSON 4/12/2007	Outdoor low Drip	Important Continuous	12 18.25	vertical 0	15 5	24 180	0 Yes	SCREW PT 0.75	E-2
049-00006	800 BUCKET	ARMSTRONG 4/12/2007	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Atic NW End
049-00007	BUCKET BUCKET	OTHERS 4/1/2005	Outdoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	Attic Eastend
049-00008	D-600 DISC	ERWEL 4/1/2005	Outdoor low Process	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 0.75	Rm. # north East end

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4605-WS

Area - Trap ID	Model Name	Manufacturer	Elevation	Priority	Insp. Freq.		Orientation	Pressure	H/Day	Condensate Rate	Connection Type	Trap Location
	Trap Type	Installed	Application	Operation	Stm Cost	Set Temp		B. Press.	D/Yr	Recovered?	Size	
048-00001	J3X- 5	TLV	Indoor low	Important	12	horizontal		20	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Drip	Continuous	18.25	0		5	180	Yes	0.50	
048-00002	D-600	ERWEL	Indoor low	Important	12	horizontal		20	24	0	SCREW PT	E-1
	DISC	4/1/2005	Drip	Continuous	18.25	0		5	180	Yes	0.75	
048-00003	FLOAT	OTHERS	Indoor low	Important	12	horizontal		20	24	0	SCREW PT	E-1
	FLOAT	4/1/2005	Drip	Continuous	18.25	0		5	180	Yes	1.00	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4610-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
050-00001	J3X- 5 FLOAT	TLV 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	210 5	24 180	0 Yes	SCREW PT 0.75	E-1 Steam Station
050-00002	J3X- 5 FLOAT	TLV 4/3/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 Steam Station
050-00003	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1 SouthSide
050-00004	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 2.00	E-1 NW Corner
050-00005	F- 75 FLOAT	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1 West side
050-00006	F- 75 FLOAT	ERWEL 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-1 West side
050-00007	A-THERMO THERMO	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-2 South Side Wall
050-00008	17C THERMO	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 South Side Wall
050-00009	40-515 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-2 NW corner
050-00010	N-THERMO THERMO	NICHOLSON 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-2 NW corner
050-00011	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 NW corner
050-00012	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 SW corner
050-00013	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 SW corner
050-00014	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 West Wall
050-00015	S-THERMO THERMO	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-2 SW corner
050-00016	WD600 DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-2 SW corner

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
051-00001	40-515 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-6 North End
051-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-6 North End
051-00003	D-BUCKET BUCKET	DUNHAM-BUSH 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	200 5	24 180	0 Yes	SCREW PT 0.50	E-6 North End
051-00004	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-6 North End
051-00005	2-551 FLOAT	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-6 North End
051-00006	A-BUCKET BUCKET	ARMSTRONG 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-5 North End
051-00007	BUCKET BUCKET	OTHERS 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 South Side
051-00008	TR-BCKT BUCKET	TRANE 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2 South Side
051-00009	811 BUCKET	ARMSTRONG 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-2 South Side
051-00010	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1 West Side
051-00011	C-THERMO THERMO	CLARK-RE 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 West Side
051-00012	A-THERMO THERMO	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 West Side
051-00013	5133 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 West Side
051-00014	40-515 FLOAT	DUNHAM-BUSH 4/3/2006	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-1 West Side
051-00015	BUCKET BUCKET	OTHERS 4/3/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Rm.1320
051-00016	TR-BCKT BUCKET	TRANE 4/12/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 West Side
051-00017	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-1 West Side
051-00018	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.50	E-3
051-00019	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1 West Side

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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051-00020	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
051-00021	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-3
051-00022	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	E-3
051-00023	40-215 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 1.50	E-3
051-00024	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	E-3
051-00025	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-3
051-00026	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.50	E-3
051-00027	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 1.25	E-3

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4618-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
054-00001	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North East Wall
054-00002	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North East Wall
054-00003	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North Center Wall
054-00004	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North Center Wall
054-00005	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North West Wall
054-00006	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	North West Wall
054-00007	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	Steam Station
054-00008	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	E-2 AH0001
054-00009	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-2
054-00010	C-THERMO THERMO	CLARK-RE 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.50	E-2 Steam Station
054-00011	40-215 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	201A E-2
054-00012	E-THERMO THERMO	ERWEL 4/5/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 1.00	Rm.201A E-2
054-00013	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	10 5	24 180	0 Yes	SCREW PT 0.75	E-2 Rm.201A

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: N4620-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
056-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	Inside Dr. 105
056-00002	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North Wall inside
056-00003	C-THERMO THERMO	CLARK-RE 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North Wall West
056-00004	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North Wall West
056-00005	DISC DISC	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	South Wall West
056-00006	A-51 THERMO	NICHOLSON 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	South Wall West
056-00007	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	South Wall West

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4621-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
057-00001	800 BUCKET	ARMSTRONG 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North Wall at AHU
057-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	West end South Side
057-00003	A-31 THERMO	NICHOLSON 4/6/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	West end Steam Station

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4649-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
055-00001	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
055-00002	812 BUCKET	ARMSTRONG 4/5/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	100 5	24 180	0 Yes	SCREW PT 0.75	E-1 East Wall
055-00003	812 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 East Wall
055-00004	J3X- 5 FLOAT	TLV 4/5/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1 North Wall

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4653-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
058-00001	S-BUCKET BUCKET	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1 Steam Station
058-00002	S-BUCKET BUCKET	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1 Steam Station
058-00003	Y-BUCKET BUCKET	YARWAY 4/1/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1 overhead Outside
058-00004	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-1
058-00005	S-BUCKET BUCKET	SPIRAX SARCO 4/1/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	E-2 South Wall
058-00006	A-51 THERMO	NICHOLSON 4/1/2005	Outdoor high Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-2

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4655-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
059-00001	050-FT20 FLOAT	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-1
059-00002	H-FLOAT FLOAT	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-1
059-00003	1-55 FLOAT	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	15 5	24 180	0 Yes	SCREW PT 1.00	E-1
059-00004	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NW Corner
059-00005	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NW Corner
059-00006	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NW Corner
059-00007	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NW Corner
059-00008	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	Outside West Wall
059-00009	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	West wall hibay
059-00010	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	West wall hibay Col.E
059-00011	1-55 FLOAT	HOFFMAN 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	SouthWest wall hibay Rm.101
059-00012	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	SouthWest wall hibay Rm.101
059-00013	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	Southeast corner
059-00014	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	Southeast hibay
059-00015	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	80 5	24 180	0 Yes	SCREW PT 1.00	Southeast hibay
059-00016	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	Southeast hibay
059-00017	40-415 FLOAT	DUNHAM-BUSH 4/7/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	East wall Hibay
059-00018	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	East Wall Hibay
059-00019	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	Eastwall hibay

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4655-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
059-00020	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	East Wall Hibay
059-00021	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	East Wall Hibay
059-00022	D-THERMO THERMO	DUNHAM-BUSH 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 0.75	East Wall Hibay
059-00023	FT552 FLOAT	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	8 5	24 180	0 Yes	SCREW PT 1.00	East Wall Hibay
059-00024	FT552 FLOAT	SPIRAX SARCO 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 1.00	East Wall Hibay
059-00025	J3X- 5 FLOAT	TLV 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NorthEast Wall Hibay
059-00026	40-415 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NorthEast Wall Hibay
059-00027	J5X- 5 FLOAT	TLV 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	East Wall Hibay
059-0006A	J3X- 5 FLOAT	TLV 2/7/2007	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	NW Corner

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4656-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
060-00001	WD600 DISC	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
060-00002	WD600 DISC	OTHERS 4/12/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	80 5	24 180	0 Yes	SCREW PT 0.75	E-1
060-00003	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.50	E-1
060-00004	BUCKET BUCKET	OTHERS 4/12/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-1
060-00005	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 0.75	E-2
060-00006	A-BUCKET BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.00	E-2
060-00007	T-BUCKET BUCKET	TLV 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	90 5	24 180	0 Yes	SCREW PT 1.00	E-2
060-00008	THERMO THERMO	OTHERS 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	E-2
060-00009	40-515 FLOAT	DUNHAM-BUSH 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	Southwest Corner By Rm. 214
060-00010	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West side 2nd floor norht of Rm. 202
060-00011	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	West side 2nd floor norht of Rm. 206
060-00012	BUCKET BUCKET	OTHERS 4/12/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	North West side 2nd floor north of Rm. 202
060-00013	THERMO THERMO	OTHERS 4/12/2005	Indoor low Process	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North West side 2nd floor north of Rm. 202
060-00014	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	East side middle
060-00015	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Eastside of Hibay
060-00016	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Eastside of Hibay
060-00017	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Eastside of Hibay
060-00018	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.75	Eastside of Hibay

Pressure: **psi**
Temperature: **F**
Pipe Size: **inch**

Currency: **\$**
Steam Cost: **\$/1,000lbs**
Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
Steam Loss: **1,000 lb / Year**
Monetary Loss: **\$/ Year**

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Group By: Area No: N4657

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
074-00001	BUCKET	OTHERS	Indoor low	Important	12	horizontal	90	24	0	SCREW PT	Trench
	BUCKET	5/22/2005	Drip	Continuous	18.25	0	10	180	Yes	0.75	
074-00002	601A- 75	HOFFMAN	Indoor low	Important	12	horizontal	90	24	0	SCREW PT	Trench
	BUCKET	5/2/2005	Drip	Continuous	18.25	0	10	180	Yes	0.75	
074-00003	601A- 75	HOFFMAN	Indoor low	Important	12	horizontal	90	24	0	SCREW PT	Trench
	BUCKET	5/2/2005	Drip	Continuous	18.25	0	10	180	Yes	0.75	
074-00004	AHV-53	NICHOLSON	Indoor low	Important	12	horizontal	75	24	0	SCREW PT	Heat Exchange
	THERMO	5/2/2005	Process	Continuous	18.25	0	10	180	Yes	0.75	
074-00005	AHV-53	NICHOLSON	Indoor low	Important	12	horizontal	75	24	0	SCREW PT	Heat Exchange
	THERMO	5/22/2005	Drip	Continuous	18.25	0	10	180	Yes	1.00	
074-00006	E-BUCKET	ERWEL	Indoor low	Important	12	horizontal	90	24	0	SCREW PT	Trench
	BUCKET	5/2/2005	Drip	Continuous	18.25	0	10	180	Yes	0.75	
074-00007	WD600	OTHERS	Indoor low	Important	12	horizontal	35	24	0	SCREW PT	Condenser pump
	DISC	5/2/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	
074-00008	WD600	OTHERS	Indoor low	Important	12	horizontal	20	24	0	SCREW PT	Office
	DISC	5/2/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4660-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
061-00001	THERMO	OTHERS	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	Office Southend
	THERMO	4/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
061-00002	BUCKET	OTHERS	Indoor low	Important	12	horizontal	90	24	0	SCREW PT	Northwest wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4666-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
062-00001	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	BUCKET	4/12/2005	Drip	Continuous	18.25	0	5	180	Yes	1.50	
062-00002	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00003	H-BUCKET	HOFFMAN	Indoor high	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00004	C-THERMO	CLARK-RE	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	THERMO	4/12/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00005	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00006	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00007	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00008	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00009	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2 North wall
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00010	D-THERMO	DUNHAM-BUSH	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00011	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-2
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00012	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
062-00013	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00014	THERMO	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	THERMO	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00015	BUCKET	OTHERS	Indoor low	Important	12	horizontal	75	24	0	SCREW PT	E-4
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.50	
062-00016	1-55	HOFFMAN	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.50	
062-00017	F- 75	ERWEL	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	FLOAT	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.00	
062-00018	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.25	
062-00019	BUCKET	OTHERS	Indoor low	Important	12	horizontal	25	24	0	SCREW PT	E-4
	BUCKET	4/1/2005	Drip	Continuous	18.25	0	5	180	Yes	1.25	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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062-00020	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	E-3
062-00021	H-BUCKET BUCKET	HOFFMAN 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-3
062-00022	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.00	E-3
062-00023	BUCKET BUCKET	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 1.50	E-3
062-00024	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	Outside Rm.269A
062-00025	THERMO THERMO	OTHERS 4/1/2005	Indoor low Drip	Important Continuous	12 18.25	horizontal 0	25 5	24 180	0 Yes	SCREW PT 0.50	Outside Rm.269A

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4703-SS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
063-00001	WD600 DISC	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Pipe Shop
063-00002	800 BUCKET	ARMSTRONG 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 0.75	Pump Room
063-00003	AHV-51 THERMO	NICHOLSON 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 365	0 Yes	SCREW PT 1.00	Pipe Shop

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4715-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
046-00001	R-225 THERMO	ERWEL 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	SE Corner
046-00002	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	East
046-00003	J3X- 5 FLOAT	TLV 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	NE Corner
046-00004	BUCKET BUCKET	OTHERS 4/1/2005	Indoor high Process	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	N Corner
046-00005	812 BUCKET	ARMSTRONG 4/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	N Corner
046-00006	J3X- 5 FLOAT	TLV 4/1/2005	Outdoor low Process	Important Continuous	12 18.25	horizontal 0	40 5	24 180	0 Yes	SCREW PT 0.75	Steam Station

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4731-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
036-00001	A-41 THERMO	NICHOLSON 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	North Wall
036-00002	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 1.25	North Wall
036-00003	J3X- 5 FLOAT	TLV 3/1/2005	Indoor high Drip	Important Continuous	12 18.25	horizontal 0	20 5	24 180	0 Yes	SCREW PT 0.75	South Wall

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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Group By: Area No: N4733-WS

Area - Trap ID	Model Name Trap Type	Manufacturer Installed	Elevation Application	Priority Operation	Insp. Freq. Stm Cost	Orientation Set Temp	Pressure B. Press.	H/Day D/Yr	Condensate Rate Recovered?	Connection Type Size	Trap Location
034-00001	BUCKET	OTHERS	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Southeast corner
	BUCKET	3/1/2005	Process	Continuous	18.25	0	5	180	Yes	0.75	
034-00002	601A-125	HOFFMAN	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Southeast corner
	BUCKET	3/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	
034-00003	J3X- 5	TLV	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Southeast corner
	FLOAT	3/1/2005	Heating	Continuous	18.25	0	5	180	Yes	0.75	
034-00004	J3X- 5	TLV	Indoor high	Important	12	horizontal	20	24	0	SCREW PT	Southeast corner
	FLOAT	3/1/2005	Drip	Continuous	18.25	0	5	180	Yes	0.75	

Pressure: **psi**
 Temperature: **F**
 Pipe Size: **inch**

Currency: **\$**
 Steam Cost: **\$/1,000lbs**
 Inspection Frequency: **Month(s)**

Condensate Rate: **lb/hr**
 Steam Loss: **1,000 lb / Year**
 Monetary Loss: **\$/ Year**

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4200-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
			50.00	Perorm all work after core hours.
4201-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
			50.00	Perorm all work after core hours.
4202-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
			50.00	Perorm all work after core hours.
4203-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4205-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4207-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4241-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4244-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4249-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4250-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4251-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4306-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4312-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4315-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4316-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4346-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4347-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4353-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4436-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4464-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4466-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4467-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4470-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4471-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4475-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4476-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4477-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4480-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4481-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4483-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4485-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4487A-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			50.00	Perorm all work after core hours.
4491-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4492-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4493-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4494-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4523-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4530-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4541-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4542-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4549-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4551-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4553-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4554-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4555-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			40.00	Clean, test, and calibrate smoke detectors if applicable
4561-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4563-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4564-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4566-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4567-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4570-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4572-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions

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FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4582-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4583-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4585-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4600-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
			50.00	Perorm all work after core hours.
4604-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4605-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions

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FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4607-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4610-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
			50.00	Perorm all work after core hours.
4612-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4614-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4618-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4619-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4621-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4623-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4627-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4628-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4629-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4638-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4640-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4643-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4646-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4648-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4649-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4650-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4653-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4654-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4655-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4656-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4659-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4663B-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4666-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4667-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4670-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4671-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4674-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4675-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4676-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4696-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4702-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4704-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4705-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4707-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4708-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4711-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4715-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4718-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4723-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4727-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4728-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4731-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4732-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4739-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4747-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4754-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4755-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4759-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4760-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4761-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel

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ATTACHMENT J-13
FIRE ALARM SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4765-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4775-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4776-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
4777-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable
8023-FAS0001	Fire Alarm System	30-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	10.00	Inspect panel
			20.00	Inspect smoke detectors for damage and obstructions
			30.00	Verify operation of all pull stations and bells
			40.00	Clean, test, and calibrate smoke detectors if applicable

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ATTACHMENT J-14
GAS DETECTION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4205-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4205-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4205-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4205-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4464-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4466-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4467-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4475-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4475-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4475-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4476-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4481-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4481-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4481-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4481-ODT0005	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4487B-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4487C-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4493-ODT0004	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4493-ODT0012	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4493-ODT0013	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4530-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4530-HDT0002	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4530-HDT0003	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4530-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4531-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4532-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4539-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4540-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4551-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4553-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4553-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4554-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4555-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4555-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4561-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4570-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4570-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4583-CODT0001	Carbon Monoxide Detection System	30-Day Carbon Monoxide Detection System	10.00	Inspect system and calibrate
			20.00	Check water levels, add if necessary
4583-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4583-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4583-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4586-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4605-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4612-HDT0002	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4612-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4612-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-ODT0005	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-ODT0006	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4612-ODT0007	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4618-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4618-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4618-ODT0003	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4619-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4619-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4619-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4619-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4619-ODT0005	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4623-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4628-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4628-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4648-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4650-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4650-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4650-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4653-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4655-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4656-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4656-ODT0003	Oxygen Detection System	180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
		30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4659-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4659-ODT0002	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4659-ODT0003	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4661-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4676-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4705-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4705-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4705-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4705-ODT0005	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-HDT0001	Hydrogen Detection System	30-Day: Hydrogen Detection System	10.00	Perform visual inspection
		180-Day: Hydrogen Detection System	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
4707-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-ODT0007	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-ODT0008	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4707-ODT0009	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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4707-ODT0010	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4707-ODT0012	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4707-ODT0013	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-ODT0014	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-ODT0015	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4707-ODT0016	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0002	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0003	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0004	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0005	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0006	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0007	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0008	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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4708-ODT0009	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0010	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0011	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4708-ODT0012	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0013	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0014	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0015	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0016	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0017	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0018	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0019	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0020	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0021	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0022	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0023	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0024	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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4708-ODT0025	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0026	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0027	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4708-ODT0028	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0029	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0030	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4708-ODT0032	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0033	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4708-ODT0034	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4708-ODT0035	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
			30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
4711-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4711-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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4711-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4711-ODT0004	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4711-ODT0005	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4718-1-ODT0001	Oxygen Detection System	180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
		30-Day Oxygen Detection System, Wet Cell Type	10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
4718-1-ODT0002	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
			10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
4718-2-ODT0001	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
			10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
4718-2-ODT0002	Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	30.00	Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
			10.00	Inspect system and calibrate
			20.00	Check water levels if applicable, add if necessary
4718-3-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4718-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4718-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points

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			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4718-ODT0003	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4739-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4755-CODT0001	Carbon Monoxide Detection System	90-Day Carbon Monoxide Detection System	10.00	Inspect system and calibrate
			20.00	Check water levels, add if necessary
4755-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4760-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
4776-ODT0001	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
T4554-ODT0002	Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	10.00	Perform visual inspection
			20.00	Calibrate system
			30.00	Check all alarm points
			40.00	Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
4200-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4200-SPR0001	Stand Pipe	30-Day Stand Pipe Inspection
		365-Day: Stand Pipe Inspection
4201-SPR0001	Stand Pipe	30-Day Stand Pipe Inspection
		365-Day: Stand Pipe Inspection
4202-SPR0001	Stand Pipe	30-Day Stand Pipe Inspection
		365-Day: Stand Pipe Inspection
4203-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4203-FSS0002	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4203-FSS0003	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4203-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4207-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4207-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4207-SPR0003	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4207-SPR0004	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4241-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4250-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4315-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4346-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4346-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4353-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4436-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4464-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4465-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
		365-Day: Wet Sprinkler System PM
4467-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4471-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-SPR0003	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-SPR0004	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-SPR0005	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4471-SPR0006	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4475-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4476-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4477-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4481-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4481-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4481-SPR0003	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4485-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4487AB-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4487A-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4487A-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
4487B-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4487B-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4487C-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4487C-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4491-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4492-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4493-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4493-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4494-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4522-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4555-SPR0001	Stand Pipe	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4564-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4564-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4566-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4572-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4607-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4610-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4610-FSS0002	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4610-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
		365-Day: Wet Sprinkler System PM
4610-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4610-SPR0003	Stand Pipe	30-Day Stand Pipe Inspection
		365-Day: Stand Pipe Inspection
4612-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4612-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4612-SPR0003	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4612-SPR0004	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4619-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4619-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4619-SPR0003	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4621-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4623-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4629-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4631-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4643-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4650-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4663A-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4663A-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4663B-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4663C-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4666-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4705-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4705-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4707-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4707-SPR0002	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4707-SPR0003	Deluge System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4708-FSS0001	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4708-FSS0002	Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System
		180-Day: Wet/Dry Chemical Fire Suppression System
4708-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4708-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4708-SPR0003	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4708-SPR0004	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4708-SPR0006	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4711-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4715-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4718-3-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4718-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4718-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM

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ATTACHMENT J-15
FIRE SUPPRESSION SYSTEM PM

LOCATION	DESCRIPTION	PM DESCRIPTION
4723-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4728-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4731-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4732-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4759-SPR0001	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4760-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4760-SPR0002	Sprinkler System	30-Day: Dry Sprinkler System PM
		90-Day: Dry Sprinkler System PM
		365-Day: Dry Sprinkler System PM
4760-SPR0003	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM
4765-SPR0001	Sprinkler System	30-Day: Wet Sprinkler System PM
		90-Day: Wet Sprinkler System PM
		365-Day: Wet Sprinkler System PM

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ATTACHMENT J-16
EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4205-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0005	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0006	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0007	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0008	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0009	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4205-SHEW0010	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4207-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4207-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4249-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4251-EW0001	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
4353-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	40.00	Date and initial inspection tag
			10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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ATTACHMENT J-16
EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4353-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4353-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4464-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4471-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4471-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4473-EW0001	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4473-EW0002	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4473-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4475-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4475-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4475-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-EW0011	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-EW0012	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-SH0005	Handheld Emergency Drench Unit	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4481-SHEW0003	Safety Shower & Eyewash,	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4483-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4483-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4483-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487AB-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487AB-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487AB-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4487A-EW0001	Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487A-EW0002	Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487A-SH0003	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487B-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4487-EW0003	Safety Eyewash - Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4493-EW0001	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4493-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4522-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4522-SHEW0002	Safety Shower and Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4525-SHEW0001	Safety Shower and Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4527-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4530-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4530-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4539-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4539-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4540-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4540-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4542-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4542-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4561-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4563-EW0001	Safety Eyewash	30-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Check saline solution level, add as necessary
			30.00	Verify proper air pressure
			40.00	Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Change saline solution
			30.00	Repressurize tank
			40.00	Date and initial inspection tag
4567-EW0001	Safety Eyewash, Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4567-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4567-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4567-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4567-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4570-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4570-SHEW0001	Safety Shower & Eyewash	30-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Check saline solution level, add as necessary
			30.00	Verify proper air pressure
			40.00	Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Change saline solution
			30.00	Repressurize tank
			40.00	Date and initial inspection tag
4570-SHEW0002	Safety Shower & Eyewash	30-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Check saline solution level, add as necessary
			30.00	Verify proper air pressure
			40.00	Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Change saline solution
			30.00	Repressurize tank
			40.00	Date and initial inspection tag
4572-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4572-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4572-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583A-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4583A-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583-SH0002	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4583-SH0003	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0005	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-EW0006	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4605-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4611-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-EW0003	Safety Eyewash, Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4612-EW0004	Safety Eyewash, Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4612-EW0005	Safety Eyewash, Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4612-EW0006	Safety Eyewash, Sink Mounted	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0005	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0006	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0007	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0008	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0009	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0010	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0011	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0012	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4612-SHEW0013	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4617-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4618-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4619-EW0001	Safety Eyewash,	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4619-EW0002	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4619-EW0003	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4619-EW0004	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.

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EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4619-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4619-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4619-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4621-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4621-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4621-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4623-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4623-EW0004	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4623-EW0005	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4623-EW0006	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag

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EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4623-SH0001	Safety Shower	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4623-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4623-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4623-SHEW0003	Safety Shower & Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4623-SHEW0004	Safety Shower & Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4628-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4628-SH0002	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4628-SH0003	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4628-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4631-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4631-SHEW0001	Safety Shower/Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4631-SHEW0002	Safety Shower/Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum

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EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Date and initial inspection tag
4635-1-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4635-3-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4635-4-SHEW0001	Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4639-SH0001	Safety Shower and Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4639-SH0002	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4640-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4640-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4643-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4643-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4650-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4653-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4653-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4653-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4657-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4657-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4659-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4659-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4659-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4660-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4660-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4663A-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4663M-EW0001	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4663M-EW0002	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4667-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4670-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4670-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4672-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4673-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4674-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4675-EW0001	Safety Eyewash, Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.

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EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4675-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4676-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4676-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4677-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4678-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4680-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4680-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4696-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4699-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4700-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4702-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4702-EW0002	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4705-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4705-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-EW0005	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-EW0006	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4705-SHEW0001	Safety Shower and Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0005	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0006	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0007	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0008	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-EW0009	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SH0002	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum

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LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Date and initial inspection tag
4707-SH0006	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4707-SHEW0005	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4708-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4708-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4708-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4708-EW0004	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4708-EW0005	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4711-EW0001	Safety Eyewash Portable	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.

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ATTACHMENT J-16
EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4711-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4711-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4711-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4711-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4715-SH0001	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4715-SH0002	Safety Shower	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4718-1-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4718-EW0001	Safety Eyewash	30-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Check saline solution level, add as necessary
			30.00	Verify proper air pressure
			40.00	Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Change saline solution
			30.00	Repressurize tank
			40.00	Date and initial inspection tag
4718-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4731-SHEW0001	Safety Shower/Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4731-SHEW0002	Safety Shower/Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4731-SHEW0003	Safety Shower/Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4739-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4739-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4747-SHEW0001	Safety Shower & Eyewash	7-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request

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ATTACHMENT J-16
EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4747-SHEW0002	Safety Shower & Eyewash	7-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4747-SHEW0003	Safety Shower & Eyewash	7-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4755-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4755-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4755-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4759-EW0002	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4759-EW0003	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4759-EW0004	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4759-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0005	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4760-SHEW0006	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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ATTACHMENT J-16
EMERGENCY SHOWER AND EYEWASH PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4760-SHEW0008	Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0002	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0003	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0004	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0005	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0006	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0007	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4761-SHEW0009	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4765-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4767-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4767-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4774-EW0001	Safety Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag
4776-EW0001	Safety Eyewash	30-Day: Portable Eyewash Station	10.00	Check fluid levels.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
		180-Day: Portable Eyewash Station	10.00	Change saline solution.
			20.00	Check spray heads for cleanliness.
			30.00	Clean unit as necessary.
			40.00	Date and initial inspection tag
4776-SHEW0001	Safety Shower & Eyewash	30-Day Safety Shower and/or Eyewash Station	10.00	Check operation and controls. If any problems are found issue work request
			20.00	Flush system for 2 minute minimum
			30.00	Date and initial inspection tag

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ATTACHMENT J-17

SNOW AND ICE REMOVAL

Priorities for removing snow and ice from MSFC area.

Priority 1

1. Buildings 4200, 4201, 4202, 4203, 4346, 4600 and parking lots.
2. Building 4249 (Medical Center), 4207, and 4663.
3. Apollo Road.
4. Digney Road.
5. Mercury Road.
6. Dodd Road within Test Area to 4566 and 4666.
7. Access roads to MSFC gas stations.
8. Assist Redstone Garrison, if required, in cleaning their designated MSFC areas.
9. Highway 20 overpasses on Rideout Road, outside Gate 9.

Priority 2

All remaining roads and streets.

Priority 3

All parking lots.

Redstone Garrison is to clear Rideout Road, Martin Road, Morris Road, Neal Road, and Dodd Road to the Test Area entrance. This is in accordance with the Army/MSFC Agreement.

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ATTACHMENT J-18
HOISTS, CRANES, AND DERRICKS

LOCATION	CAPACITY	TYPE
4200-HST0001	2-Ton	Electric Hoist
4205-CRN0001	15-Ton	Bridge Crane
4205-CRN0002	15-Ton	Bridge Crane
4205-CRN0003	5-Ton	Bridge Crane
4205-CRN0004	5-Ton	Bridge Crane
4205-CRN0005	5-Ton	Bridge Crane
4205-CRN0006	10-Ton	Bridge Crane
4205-HST0001	600 Lb	Electric A-Frame Hoist
4436-HST0001	1/2-Ton	Chain Hoist
4436-HST0002	1/2-Ton	Chain Hoist
4436-HST0003	1/2-Ton	Chain Hoist
4467-HST0001	1/2-Ton	Cable Hoist
4476-HST0001	1-Ton	Electric Hoist
4476-HST0002	1-Ton	Electric Hoist
4476-HST0003	5-Ton	Electric Hoist
4476-HST0004	5-Ton	Electric Hoist
4481-HST0001	1/2-Ton	Chain Hoist
4481-HST0002	500 Lb	Electric Hoist
4481-HST0003	1-Ton	Electric Hoist
4481-HST0004	1/2-Ton	Electric Hoist
4481-HST0005	2-Ton	Electric Hoist
4481-HST0006	1/2-Ton	Chain Hoist
4487AB-HST0001	1/2-Ton	Electric Hoist
4487A-HST0001	1-Ton	Chain Hoist
4487A-HST0002	1/2-Ton	Air Hoist
4487A-HST0003	1/2-Ton	Air Hoist
4487A-HST0004	1-Ton	Electric Hoist
4487BC-CRN0001	3-Ton	Bridge Crane
4487BC-CRN0002	3-Ton	Bridge Crane
4487BC-HST0001	2-Ton	Electric Hoist
4487BC-HST0002	3-Ton	Electric Hoist
4487B-CRN0001	5-Ton	Bridge Crane
4487B-CRN0002	5-Ton	Bridge Crane
4487B-HST0001	5-Ton	Electric Hoist
4493-CRN0001	20-Ton	Bridge Crane
4493-HST0001	1/2-Ton	Electric Hoist
4520-HST0001	1-Ton	Electric Hoist
4522-HST0001		Air Hoist
4522-HST0002	1-Ton	Chain Hoist
4523-HST0001	2-Ton	Electric Hoist
4531-HST0001	5-Ton	Electric Hoist
4539-HST0001	2-Ton	Electric Hoist
4540-CRN0001	5-Ton	Bridge Crane
4542-HST0001	2-Ton	Chain Hoist
4550-DERK0001	175-Ton	Stiffleg Derrick
4550-DERK0002	200-Ton	Stiffleg Derrick
4550-HST0001	5-Ton	Air Hoist
4550-HST0002	1/2-Ton	Electric Hoist
4554-HST0001	1/2-Ton	Electric Hoist
4554-HST0002	325 Lb	Electric Hoist
4555-CRN0001	30-Ton	Bridge Crane
4561-CRN0001	10-Ton	Bridge Crane
4561-HST0001	1.5-Ton	Cable Hoist
4561-HST0002	1/4-Ton	Chain Hoist

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ATTACHMENT J-18
HOISTS, CRANES, AND DERRICKS

LOCATION	CAPACITY	TYPE
4561-HST0003	2-Ton	Electric Hoist
4561-HST0004	3-Ton	Heavy Lift Hoist
4570-HST0001	2-Ton	Chain Hoist
4572-CRN0001	10-Ton	Bridge Crane
4583-HST0001	2-Ton	Chain Hoist
4583-HST0002	3-Ton	Chain Hoist
4583-HST0003	3-Ton	Electric Hoist
4583-HST0004	1500 Lb	Hoist Platform
4605-HST0001	1/2-Ton	Chain Hoist
4605-HST0002	2-Ton	Electric Hoist
4607-CRN0001	20-Ton	Bridge Crane
4612-CRN0001	2-Ton	Bridge Crane
4612-HST0001	1-Ton	Chain Hoist
4612-HST0002	1/2-Ton	Electric Hoist
4612-HST0003	3-Ton	Electric Hoist
4612-HST0004	3-Ton	Electric Hoist
4612-HST0006	1/2-Ton	Chain Hoist
4618-HST0001	1/2-Ton	Electric Hoist
4619-CRN0001	10-Ton	Bridge Crane
4619-CRN0002	10-Ton	Bridge Crane
4619-CRN0003	25-Ton	Bridge Crane
4619-CRN0004	25-Ton	Bridge Crane
4619-CRN0005	20-Ton	Bridge Crane
4619-CRN0006	3-Ton	Bridge Crane
4619-CRN0007	30-Ton	Bridge Crane
4619-CRN0008	30-Ton	Bridge Crane
4619-HST0001	5-Ton	Air Hoist
4619-HST0002	6-Ton	Air Hoist
4619-HST0003	10-Ton	Cable Hoist
4619-HST0004	1-Ton	Chain Hoist
4619-HST0005	1-Ton	Chain Hoist
4619-HST0006	2-Ton	Chain Hoist
4619-HST0007	2-Ton	Chain Hoist
4619-HST0008	3-Ton	Chain Hoist
4619-HST0009	1-Ton	Electric Hoist
4619-HST0010	1-Ton	Electric Hoist
4619-HST0011	1-Ton	Electric Hoist
4619-HST0013	5-Ton	Electric Hoist
4619-HST0014	5-Ton	Electric Hoist
4619-HST0015	5-Ton	Electric Hoist
4619-HST0016	1800 Lb	Electric Hoist
4619-HST0017	1800 Lb	Electric Hoist
4619-HST0018	1-Ton	Electric Hoist
4619-HST0019	1-Ton	Electric Hoist
4623-HST0001	1-Ton	Chain Hoist
4623-HST0002	2-Ton	Chain Hoist
4623-HST0003	1-Ton	Electric Hoist
4628-HST0001	1-Ton	Air Hoist
4628-HST0002	1-Ton	Air Hoist
4628-HST0003	1/2-Ton	Air Hoist
4628-HST0004	1/2-Ton	Cable Hoist
4628-HST0005	1/2-Ton	Chain Hoist
4638-HST0001	3/4-Ton	Manual Hoist
4648-HST0002	3-Ton	Chain Hoist

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HOISTS, CRANES, AND DERRICKS

LOCATION	CAPACITY	TYPE
4648-HST0003	2-Ton	Electric Hoist
4649-CRN0001	25-Ton	Bridge Crane
4649-CRN0002	25-Ton	Bridge Crane
4650-CRN0001	10-Ton	Bridge Crane
4650-CRN0002	10-Ton	Bridge Crane
4650-CRN0003	20-Ton	Bridge Crane
4650-CRN0004	20-Ton	Bridge Crane
4650-CRN0005	3-Ton	Bridge Crane
4650-CRN0006	3-Ton	Bridge Crane
4650-CRN0007	3-Ton	Bridge Crane
4650-CRN0008	30-Ton	Bridge Crane
4650-HST0001	2-Ton	Air Hoist
4653-HST0001	1/2-Ton	Cable Hoist
4653-HST0002	5-Ton	Cable Hoist
4653-HST0003	3-Ton	Electric Hoist
4655-CRN0001	1-Ton	Bridge Crane
4655-CRN0002	25-Ton	Bridge Crane
4656-CRN0001	30-Ton	Bridge Crane
4656-CRN0002	30-Ton	Bridge Crane
4656-HST0001	1/2-Ton	Electric Hoist
4659-CRN0001	3-Ton	Bridge Crane
4659-CRN0002	3-Ton	Bridge Crane
4663C-HST0001	1-Ton	Electric Hoist
4663C-HST0002	1-Ton	Electric Hoist
4667-CRN0001	10-Ton	Bridge Crane
4670-DERK0001	200-Ton	Stiffleg Derrick
4671-CRN0001	20-Ton	Bridge Crane
4676-HST0001	1-Ton	Chain Hoist
4676-HST0002	1-Ton	Chain Hoist
4696-DERK0001	100-Ton	Stiffleg Derrick
4702-HST0001	1/2-Ton	Chain Hoist
4702-HST0002	2-Ton	Electric Hoist
4704-HST0001	5-Ton	Tramrail Hoist
4705-CRN0001	10-Ton (5-Ton Aux)	Bridge Crane
4705-CRN0002	10-Ton (5-Ton Aux)	Bridge Crane
4705-CRN0003	20-Ton	Bridge Crane
4705-CRN0004	20-Ton	Bridge Crane
4705-CRN0005	5-Ton	Bridge Crane
4705-CRN0006	5-Ton	Bridge Crane
4705-CRN0007	7.5-Ton	Bridge Crane
4705-CRN0008	1-Ton	Jib Crane
4705-HST0001	1-Ton	Air Hoist
4705-HST0002	1-Ton	Air Hoist
4705-HST0003	1/2-Ton	Air Hoist
4705-HST0004	1/2-Ton	Air Hoist
4705-HST0007	300 Lb	Air Hoist
4705-HST0008	1-Ton	Chain Hoist
4705-HST0009	1-Ton	Air Hoist
4705-HST0010	1/2-Ton	Air Hoist
4705-HST0011	1-Ton	Electric Gantry Hoist
4705-HST0012	2-Ton	Electric Hoist
4705-HST0013	2-Ton	Electric Hoist
4705-HST0014	2-Ton	Chain Hoist
4707-CRN0001	20-Ton	Bridge Crane

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ATTACHMENT J-18
HOISTS, CRANES, AND DERRICKS

LOCATION	CAPACITY	TYPE
4707-CRN0002	20-Ton	Bridge Crane
4707-CRN0003	3-Ton	Bridge Crane
4707-CRN0005	5-Ton	Bridge Crane
4707-CRN0006	3-Ton	Bridge Crane
4707-CRN0007	60-Ton	Bridge Crane
4707-CRN0008	5-Ton	Bridge Crane
4707-HST0001	1-Ton	Air Hoist
4707-HST0003	1-Ton	Chain Hoist
4707-HST0004	1-Ton	Electric Hoist
4707-HST0005	1-Ton	Electric Hoist
4707-HST0006	1-Ton	Electric Hoist
4707-HST0007	1/2-Ton	Electric Hoist
4707-HST0008	1/2-Ton	Electric Hoist
4707-HST0009	1/4-Ton	Electric Jib Hoist
4707-HST0010	3-Ton	Electric Hoist
4707-HST0011	3-Ton	Electric Hoist
4707-HST0012	300 Lb	Electric Hoist
4707-HST0014	5-Ton	Electric Hoist
4707-HST0015	15-Ton	Electric Monorail Hoist
4707-TFLR0001		Tilt Floor
4707-TFLR0002		Tilt Floor
4708-CRN0001	10-Ton	Bridge Crane
4708-CRN0002	10-Ton	Monorail Crane
4708-CRN0003	10-Ton	Bridge Crane
4708-CRN0004	20-Ton	Bridge Crane
4708-CRN0005	60-Ton	Bridge Crane
4708-HST0001	1-Ton	Electric Hoist
4708-HST0002	1/2-Ton	Electric Hoist
4708-HST0004	1/2-Ton	Electric Hoist
4708-HST0005	2-Ton	Electric Hoist
4708-HST0006	2-Ton	Electric Hoist
4708-HST0007	1/2-Ton	Chain Hoist
4711-HST0001	3-Ton	Cable Hoist
4711-HST0002	1-Ton	Cable Hoist
4711-HST0003	300 Lb	Chain Hoist
4711-HST0004	1/4-Ton	Chain Hoist
4711-HST0005	1/8-Ton	Chain Hoist
4711-HST0006	2-Ton	Electric Hoist
4711-HST0007	1-Ton	Tramrail Hoist
4711-HST0008	1-Ton	Tramrail Hoist
4711-HST0009	1-Ton	Tramrail Hoist
4711-HST0010	3-Ton	Tramrail Hoist
4718-1-HST0001	1-Ton	Electric Hoist
4718-CRN0001	20-Ton	Bridge Crane
4718-HST0001	1-Ton	Electric Hoist
4718-HST0002	3-Ton	Electric Hoist
4718-HST0003	1.5-Ton (Downrated from 3-Ton)	Electric Hoist
4718-HST0004	1.5-Ton (Downrated from 3-Ton)	Chain Hoist
4718-LIFT0001		Lift Table
4732-CRN0001	10-Ton	Bridge Crane
4732-HST0001	1-Ton	Chain Hoist
4732-HST0002	1-Ton	Air Hoist
4732-HST0003	3-Ton	Chain Hoist
4734-CRN0001	5-Ton	Bridge Crane

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ATTACHMENT J-18
HOISTS, CRANES, AND DERRICKS

LOCATION	CAPACITY	TYPE
4738-HST0001	5-Ton	Monorail Hoist
4739-HST0001		Electric Hoist
4747-CRN0001	2-Ton	Bridge Crane
4754-CRN0001	10-Ton	Bridge Crane
4755-CRN0001	90-Ton	Bridge Crane
4755-CRN0002	90-Ton	Bridge Crane
4755-CRN0003	90-Ton	Bridge Crane
4755-CRN0004	90-Ton	Bridge Crane
4759-HST0001	3-Ton	Monorail Hoist
4760-HST0001	10-Ton	Air Hoist
4760-HST0002	10-Ton	Air Hoist
4760-HST0003	1-Ton	Electric Hoist
4760-HST0004	1-Ton	Electric Hoist
4760-HST0005	1-Ton	Electric Hoist
4760-HST0006	1-Ton	Electric Hoist
4760-HST0007	1-Ton	Electric Hoist
4760-HST0008	1-Ton	Electric Hoist
4760-HST0009	1-Ton	Electric Hoist
4760-HST0010	1/2-Ton	Electric Hoist
4760-HST0011	1/2-Ton	Electric Hoist
4760-HST0012	1/2-Ton	Electric Hoist
4760-HST0013	1/2-Ton	Electric Hoist
4760-HST0014	1/2-Ton	Electric Hoist
4760-HST0015	10-Ton	Air Hoist
4765-HST0001	1/2-Ton	Electric Hoist
4765-HST0002	1/2-Ton	Electric Hoist
4765-HST0003	1/2-Ton	Electric Hoist
4767-HST0001	750 Lb	Air Hoist
4775-HST0001	1-Ton	Air Hoist
4775-HST0002	1-Ton	Chain Hoist
4775-HST0003	16-Ton	Electric Hoist
4776-HST0001	1-Ton	Chain Hoist
4776-HST0002	1-Ton	Chain Hoist
4777-CRN0001	3-Ton	Bridge Crane
4777-HST0001	4-Ton (1-Ton Aux)	Electric Hoist
4777-HST0002	3-Ton	Chain Hoist
4777-HST0003	5-Ton	Chain Hoist
4777-HST0004	5-Ton	Electric Hoist
LIFT-MCRN0469	4.25 Ton	Mobile Crane
LIFT-MCRN0475	7.5-Ton	Mobile Crane
LIFT-MCRN0747	200-Ton	Mobile Crane
LIFT-MCRN0750	18-Ton	Mobile Crane
LIFT-MCRN0751	50-Ton	Mobile Crane
LIFT-MCRN0752	15-Ton	Mobile Crane
LIFT-MCRN0753	40-Ton	Mobile Crane
LIFT-MCRN0755	9-Ton	Mobile Crane

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ATTACHMENT J-19
BOILERS

LOCATION	DESCRIPTION	HP	Working Pressure	Max Pressure	Winter/Summer
4207-BLR0001	Hot Water Boiler	16	40 PSI	60 PSI	Summer
4209-BLR0001	Steam Boiler	50		150 PSI	All Year
4209-BLR0002	Steam Boiler	50		150 PSI	All Year
4491-BLR0001	Steam Boiler	40	30 PSI	150 PSI	Summer
4567-BLR0001	Steam Boiler	350	100 PSI	100 PSI	Winter
4567-BLR0002	Steam Boiler	300	100 PSI	100 PSI	Winter
4567-BLR0003	Steam Boiler	300	150 PSI	150 PSI	Winter
4567-BLR0004	Steam Boiler - Portable	50	60 PSI	150 PSI	
4605-BLR0001	Electric Boiler	50	35 PSI	150 PSI	Summer
4610-BLR0001	Steam Boiler	50	50 PSI	150 PSI	Summer
4660-BLR0001	Steam Boiler	300	100 PSI	150 PSI	All Year
4660-BLR0002	Steam Boiler	300	100 PSI	150 PSI	All Year
4660-BLR0003	Steam Boiler	300	100 PSI	150 PSI	All Year
4660-PBLR0001	Steam Boiler - Portable	200	100 PSI	150 PSI	
4660-PBLR0003	Steam Boiler - Portable	100	100 PSI	150 PSI	
4660-PBLR0004	Steam Boiler - Portable	25	60 PSI	150 PSI	
4675-BLR0001	Steam Boiler	100	100 PSI	150 PSI	Winter
4675-BLR0002	Steam Boiler	100	100 PSI	150 PSI	Winter
4675-BLR0003	Steam Boiler	100	100 PSI	150 PSI	Winter
4707-BLR0001	Steam Boiler	400	150 PSI	200 PSI	Summer
4708-BLR0001	Electric Steam Boiler	50	40 PSI	150 PSI	Summer
4708-BLR0002	Hot Water Boiler	50	40 PSI	75 PSI	Summer
4718-BLR0001	Steam Boiler	200	15 PSI	15 PSI	All Year
4755-BLR0001	Steam Boiler	300	100 PSI	150 PSI	Winter
4776-BLR0001	Steam Boiler	37	125 PSI	150 PSI	Summer

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ATTACHMENT J-20
BOILER PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
4207-BLR0001	Hot Water Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4209-BLR0001	Steam Boiler	30-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			60.00	Lift safety valves, check dampers and stack
			80.00	Check flow or limit switches
		365-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			60.00	Lift safety valves, check dampers and stack
			70.00	Clean interior and exterior of boiler
			80.00	Check turbine flues and clean furnace
			100.00	Check flow or limit switches
4209-BLR0002	Steam Boiler	30-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			60.00	Lift safety valves, check dampers and stack
			80.00	Check flow or limit switches
		365-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			60.00	Lift safety valves, check dampers and stack
			70.00	Clean interior and exterior of boiler
			80.00	Check turbine flues and clean furnace
			100.00	Check flow or limit switches
4491-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4567-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4567-BLR0002	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4567-BLR0003	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4605-BLR0001	Electric Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4610-BLR0001	Steam Boiler	30-Day: Electric Boiler	10.00	Clean control box
			30.00	Check for leaks

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ATTACHMENT J-20
BOILER PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			60.00	Lift safety valves, check dampers and stack
			80.00	Check flow or limit switches
		365-Day: Electric Boiler	10.00	Clean control box
			30.00	Check for leaks
			60.00	Lift safety valves, check dampers
			70.00	Clean interior and exterior of boiler
			100.00	Check flow or limit switches
4660-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4660-BLR0002	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4660-BLR0003	Steam Boiler	30-Day: Boiler, Steam	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			50.00	Check chemical controls and water analysis
			60.00	Lift safety valves, check dampers and stack
		90-Day: Boiler, Steam	10.00	Clean control box
			20.00	Lubricate as necessary
			30.00	Check for leaks
			40.00	Inspect and clean scanner, adjust if necessary
			50.00	Check chemical controls and water analysis
			60.00	Lift safety valves, check dampers and stack
			70.00	Clean interior and exterior of boiler
			80.00	Check turbine flues and clean furnace
			90.00	Clean burner, filters and strainers
			100.00	Check flow or limit switches
4660-PBLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4660-PBLR0003	Steam Boiler - 25HP Portable Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4660-PBLR0004	Steam Boiler - 50HP Portable Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4675-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4675-BLR0002	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4675-BLR0003	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4707-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4708-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through

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ATTACHMENT J-20
BOILER PM

LOCATION	DESCRIPTION	PM DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Clean boiler area, if necessary
4708-BLR0002	Hot Water Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4718-BLR0001	Steam Boiler	30-Day: Boiler, Steam, Building 4718	10.00	Clean control box
			30.00	Check for leaks
			40.00	Check thermocoupling
			50.00	Check chemical controls and water analysis
			60.00	Lift safety valves, check dampers and stack
			70.00	Clean boiler area if necessary
		90-Day: Boiler, Steam Building 4718	10.00	Clean control box
			30.00	Check for leaks
			40.00	Inspect thermocoupling
			50.00	Check chemical controls and water analysis
			60.00	Lift safety valves, check dampers and stack
			70.00	Clean interior and exterior of boiler
			80.00	Check turbine flues and clean furnace
			90.00	Clean burner, filters and strainers
			100.00	Check flow or limit switches
			110.00	Clean out water leg on limit controls
4755-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary
4776-BLR0001	Steam Boiler	30-Day: Boiler in dry lay-up	10.00	Perform safety walk-through
			20.00	Clean boiler area, if necessary

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ATTACHMENT J-21
SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4200-AH7-SPT-	DEGF	50	85	122
4200-CHWS-DPT1-	PSID	-5	40	60
4200-CHWS-DPT2-	PSID	-5	40	60
4200-CHWS-DPT2B-	PSID	-5	50	60
4200-FID01-DCVOLT-	VOLT	26	28	30
4200-FIRE-PUMP_40HP-	AMPS	-5	10	45
4200-RADIO-SPT-	DEGF	55	75	300
4200-RM527-SPT-	DEGF	50	85	120
4200-SAF1&2-MXAT-	DEGF	40	100	300
4200-SAF3&6-MXAT-	DEGF	40	100	300
4200-STMVLV-STMP-	PSIG	-5	32	200
4201-ELEV-SPT-	DEGF	50	80	300
4201-FID01-DCVOLT-	VOLT	26	28	30
4201-FIRE-PUMP-	AMPS	-5	6	45
4201-PABX-RH-	RH	10	70	100
4201-PABX-SPT-	DEGF	55	75	120
4201-SAF1-MXAT-	DEGF	40	100	300
4201-SAF1-STATIC-	IWC	0	4	5
4201-SAF2-MXAT-	DEGF	40	100	300
4201-SAF2-STATIC-	IWC	0	4	5
4201-STMVLV-STMP1-	PSIG	-5	30	60
4202-CHWS-DPT1-	PSID	-10	40	60
4202-ELEV-SPT-	DEGF	55	85	300
4202-FID01-DCVOLT-	VOLT	26	28	30
4202-FIRE-PUMP-	AMPS	-5	6	45
4202-SAF1-MXAT-	DEGF	40	100	300
4202-SAF1-STATIC-	IWC	1	5	5
4202-SAF2-MXAT-	DEGF	40	100	300
4202-SAF2-STATIC-	IWC	1	5	5
4202-STMVLV-STMP1-	PSIG	-5	30	50
4203-AH2-MXAT-	DEGF	40	100	250
4203-AH3-MXAT-	DEGF	40	100	250
4203-AH3-SPT23-	DEGF	50	85	250
4203-AH4-MXAT-	DEGF	40	100	250
4203-AH5-MXAT-	DEGF	40	100	250
4203-AH6-MXAT-	DEGF	40	150	250
4203-AH7-MXAT-	DEGF	40	100	250
4203-AH7-SPT-	DEGF	55	85	250
4203-AH8-SPT-	PSID	40	85	122
4203-AHB1-MXAT-	DEGF	35	100	250
4203-AHB1-SPT01-	DEGF	55	75	250
4203-AHB2-MXAT-	DEGF	40	100	250
4203-AHB3-MXAT-	DEGF	40	100	250
4203-CHWS-DPT1-	PSID	-5	40	60
4203-CHWS-DPT2-	PSID	-5	50	60
4203-CHWS-DPT3-	PSID	-5	40	60
4203-CHWS-DPT4-	PSID	-5	40	60
4203-DAIRY-COOLR1-	DEGF	32	50	220
4203-HWC1-HWST-	DEGF	50	215	250
4203-HWC2-HWST-	DEGF	50	215	250

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ATTACHMENT J-21
SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4203-RMB302-RH-	%	35	70	100
4203-RMB302-SPT-	DEGF	60	80	140
4203-SERVE-FREEZ1-	DEGF	-15	30	220
4203-STMVLV-STMP1-	PSIG	-10	25	50
4203-WALKIN-COOLR1-	DEGF	32	50	220
4203-WALKIN-COOLR2-	DEGF	32	50	220
4203-WALKIN-FREEZ1-	DEGF	-15	23	220
4205-AH20-PHT-	DEGF	40	120	275
4205-CHWS-DPT1-	PSI	0	60	60
4205-CHWS-DPT2-	PSI	0	60	60
4205-HWS-DPT1-	PSI	0	60	60
4205-HWS-DPT2-	PSI	0	60	60
4205-PWS-DPT1-	PSI	-5	60	60
4205-PWS-DPT2-	PSI	-5	60	60
4207-AH1-MXAT-	DEGF	40	100	275
4207-AH3-SPT01-	DEGF	60	78	300
4207-AH3-SPT02-	DEGF	60	78	300
4207-AH3-SPT03-	DEGF	60	78	122
4207-AH3-SPT04-	DEGF	60	78	300
4207-AH3-SPT08-	DEGF	60	78	300
4207-AH3-SPT12-	DEGF	60	78	122
4207-AH4-SPT-	DEGF	52	75	300
4207-AH5-MXAT-	DEGF	40	100	275
4207-AH5-SPTZ1-	DEGF	65	78	140
4207-AH5-SPTZ2-	DEGF	65	78	275
4207-AHB1-MXAT-	DEGF	40	150	275
4207-AHB1-SPTZ1-	DEGF	50	85	140
4207-AHB1-SPTZ3-	DEGF	50	85	275
4207-AHB1-SPTZ4-	DEGF	50	85	275
4207-AHB2-CFM-	CFM	0	2400	2500
4207-AHB2-PHT-	DEGF	40	150	275
4207-CH2-CHHP-	PSIG	-12	12	16
4207-CH2-CHWRT-	DEGF	40	60	300
4207-CH2-CHWST-	DEGF	35	50	300
4207-CH2-CUR-	AMPS	-5	350	600
4207-CH3-CHHP-	PSIG	-12	14	46
4207-CH3-CHWRT-	DEGF	40	60	300
4207-CH3-CHWST-	DEGF	35	50	300
4207-CH3-CUR-	AMPS	-9	220	350
4207-CHWS-CHWRT-	DEGF	40	65	240
4207-CHWS-CHWST-	DEGF	38	50	240
4207-CHWS-DPT2-	PSI	-5	40	60
4207-CHWS-DPT3-	PSI	-5	40	60
4207-CHWS-GPM-	GPM	100	1100	1200
4207-CRU17-RH-	RH	1	90	100
4207-CRU17-SPT-	DEGF	50	78	101
4207-CWS-CWST-	DEGF	40	95	300
4207-CWS-SUMP_TEMP-	DEGF	34	95	200
4207-FID01-DCVOLT-	VOLT	26	28	30
4207-HWC2-HWRT-	DEGF	50	200	275

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ATTACHMENT J-21
SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4207-HWC2-HWST-	DEGF	50	200	275
4207-HWC-HWRT-	DEGF	50	200	275
4207-HWC-HWST-	DEGF	50	200	275
4207-RIDEOUT_ROAD-UNDERGROUND-SPT2	DEGF	21	125	148
4207-RM107A-SPT-	DEGF	50	75	300
4207-RM107-SPT-	DEGF	50	78	300
4207-RM111A-SPT-	DEGF	62	78	275
4207-RM140-SPT1-	DEGF	62	76	275
4207-RM140-SPT2-	DEGF	50	76	275
4207-RM145B-RH-	RH	10	75	100
4207-RM145B-SPT-	DEGF	50	78	101
4207-RM145N-RH-	RH	10	75	100
4207-RM145N-SPT-	DEGF	60	80	120
4207-RM145S-RH-	RH	10	70	100
4207-RM145S-SPT-	DEGF	60	80	120
4207-RM150-RH-	RH	10	75	100
4207-RM150-SPT-	DEGF	60	78	101
4207-RM25-SPT-	DEGF	50	78	120
4207-RM26-RH-	RH	5	90	100
4207-STMVLV-STMP1-	PSIG	-5	30	50
4207-STMV-STMP2-	PSI	-10	50	60
4207-UPS1-SPT-	DEGF	62	78	300
4209-HWS-HWST-	DEGF	130	210	275
4241-AH1-MXAT-	DEGF	40	100	275
4241-AH2-MXAT-	DEGF	40	100	275
4241-AH4-MXAT-	DEGF	40	100	100
4241-CHWS-DPT1-	IN	-5	40	60
4244-RM115A-SPT-	DEGF	65	80	100
4244-STMVLV-STMP-	PSIG	-5	35	60
4249-AH1-MXAT-	DEGF	40	150	275
4249-AH2-MXAT-	DEGF	-40	273	275
4249-CHWS-DPT1-	IN	-5	40	60
4249-COLD-STORAGE-	DEGF	25	55	275
4249-STMVLV-STMP1-	PSIG	-5	35	60
4249-WSTA-OAT-	DEGF	20	100	120
4249-WSTA-WIND_SPEED-	MPH	-4	50	110
4250-AH1-MXAT-	DEGF	40	100	100
4250-AH2-MXAT-	DEGF	40	100	110
4250-AH3-MXAT-	DEGF	40	100	165
4250-AH4-MXAT-	DEGF	40	100	275
4250-AH6-MXAT-	DEGF	40	100	110
4250-CHWS-DPT1-	IN	-5	40	60
4250-STMVLV-STMP-	PSIG	-4	35	60
4306-AH1-MXAT-	DEGF	40	120	275
4312-AH2-SPT-	DEGF	50	78	122
4312-CHWS-DPT1-	PSI	-10	40	60
4312-RM4-SPT-	DEGF	62	78	300
4315-AH1-MXAT-	DEGF	40	100	275
4315-AH2-MXAT-	DEGF	40	120	275
4315-AH3-MXAT-	DEGF	40	100	275

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ATTACHMENT J-21
SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4315-AH4-MXAT-	DEGF	40	100	275
4315-CHWS-DPT1-	IN	-10	40	60
4316-AH1-SPT-	DEGF	50	100	275
4316-AH2-MXAT-	DEGF	40	120	275
4316-AH2-SPT-	DEGF	60	100	275
4353-ACMP1-PSI-	PSIG	15	40	60
4353-AH1-MXAT-	DEGF	40	100	240
4353-AH2-MXAT-	DEGF	40	100	300
4353-AH4-RARH-	RH	20	60	101
4353-AH4-SPT-	DEGF	60	75	90
4353-FID01-DCVOLT-	VOLT	26	28	30
4353-HWC1-HWST-	DEGF	50	200	275
4353-STMVLV-STMP1-	PSIG	-10	35	50
4436-CHWS-DPT1-	PSID	-5	40	60
4436-FCU1-SPT-	DEGF	50	80	122
4436-RM109-RH-	RH	-1	60	100
4436-RM109-SPT-	DEGF	55	77	120
4464-AH1-MXAT-	DEGF	40	100	300
4464-AH1-SPTZ1-	DEGF	60	79	300
4464-AH1-SPTZ2-	DEGF	60	86	300
4464-AH1-SPTZ3-	DEGF	50	79	300
4464-AH1-SPTZ4-	DEGF	50	78	300
4464-AH2-MXAT-	DEGF	40	100	300
4464-AH3-MXAT-	DEGF	40	100	275
4464-CHWS-DPT1-	psi	-5	40	60
4464-Minus150DegC-Freezer-	DegC	-175	-125	38
4464-Minus20DegC-Freezer-	DegC	-30	0	38
4464-Minus80DegC-Freezer-	DegC	-90	-60	38
4464-STEAM-STMP2-	PSI	0	50	60
4464-STMVLV-STMP1-	PSIG	0	30	60
4464-WALKIN-COOLR1-	DEGF	30	50	140
4464-WALKIN-RH-	RH	10	90	100
4465-RM102-RH-	DEGF	0	70	100
4465-RM102-SPT-	DEGF	50	85	122
4470-RM100-SPT-	DEGF	50	85	275
4471-AH10-MXAT-	DEGF	40	100	275
4471-AH11-MXAT-	DEGF	40	100	275
4471-AH12-MXAT-	DEGF	45	100	275
4471-AH15-MXAT-	DEGF	40	100	275
4471-AH16-MXAT-	DEGF	40	100	275
4471-AH17-MXAT-	DEGF	40	100	275
4471-AH18-MXAT-	DEGF	40	100	275
4471-AH2-MXAT-	DEGF	40	100	275
4471-AH3-MXAT-	DEGF	40	100	275
4471-AH6-MXAT-	DEGF	40	100	275
4471-AH8-MXAT-	DEGF	43	100	275
4471-AH9-MXAT-	DEGF	40	100	275
4471-CHWS-DPT1-	PSID	-5	40	60
4471-CHWS-DPT2-	PSID	-5	40	60
4471-FID01-DCVOLT-	VOLT	26	28	30

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4471-FID02-DCVOLT-	VOLT	27	28	30
4471-HWC2-HWST-	DEGF	50	200	275
4471-PABX-RH-	RH	5	75	100
4471-PABX-SPT-	DEGF	25	75	120
4471-STMVLV-STMP1-	PSIG	-5	30	100
4473_N2-CHWS_LOOPA-CHWRT-	DEGF	36	75	79
4473_N2-CHWS_LOOPA-CHWST-	DEGF	38	48	79
4473_N2-CHWS_LOOPC-CHWRT-	DEGF	36	75	79
4473_N2-CHWS_LOOPC-CHWST-	DEGF	38	48	79
4473_N2-CHWS_LOOPD-CHWRT-	DEGF	36	75	79
4473_N2-CHWS_LOOPD-CHWST-	DEGF	38	48	79
4473_N2-CHWS_LOOPE-CHWRT-	DEGF	36	75	79
4473_N2-CHWS_LOOPE-CHWST-	DEGF	38	48	79
4473-AH1-SPT-	DEGF	55	85	110
4473-CH1-CHHP-	psi	-14	9	15
4473-CH1-CUR-	%RLA	-4	102	120
4473-CH1-CWRT-	DEGF	55	100	240
4473-CH2-CHHP-	PSI	-14	9	15
4473-CH2-CUR-	%RLA	-4	102	120
4473-CH2-CWRT-	DEGF	55	100	240
4473-CH3-CHHP-	PSI	-14	9	15
4473-CH3-CUR-	%RLA	-4	102	120
4473-CH4-CHHP-	PSI	-14	9	15
4473-CH4-CUR-	%RLA	-4	102	120
4473-CH5-CHHP-	PSI	-14	9	15
4473-CH5-CUR-	%RLA	-4	102	120
4473-CH6-CHHP-	PSI	-14	9	15
4473-CH6-CUR-	%RLA	-4	102	120
4473-CH7-CHHP-	PSI	-14	9	15
4473-CH7-CUR-	%RLA	-4	102	120
4473-CH8-CHHP-	psi	-14	9	15
4473-CH8-CUR-	%RLA	-4	102	120
4473-CH9-CHHP-	PSI	-14	9	15
4473-CH9-CUR-	%RLA	-4	102	120
4473-CHWS_LOOPC-CHWRT-	DEGF	40	60	100
4473-CHWS_LOOPC-CHWST-	DEGF	38	48	100
4473-CHWS_LOOPD-CHWRT-	DEGF	36	75	79
4473-CHWS_LOOPD-CHWST-	DEGF	38	48	79
4473-CHWS_LOOPE-CHWRT-	DEGF	36	75	79
4473-CHWS_LOOPE-CHWST-	DEGF	38	48	79
4473-CHWS-CHWRT-	DEGF	40	60	100
4473-CHWS-CHWST-	DEGF	38	50	240
4473-CHWS-DPTHIGH-	psig	-5	70	100
4473-CHWS-RETURN_PSI-	PSID	5	150	300
4473-CHWS-SUPPLY_PSI-	PSID	20	100	300
4473-CTL_AIR-MAIN-	PSIG	60	130	150
4473-CTL_AIR-PLANT-	PSIG	50	100	150
4473-CTL_AIR-TOWERS-	PSIG	50	100	150
4473-CTL_RM-SPT-	DEGF	55	85	100
4473-CWS-KGALS-	KGALS	-100	9900	10000

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4473-HCFC-ZONE1-	PPM	-5	45	1000
4473-HCFC-ZONE2-	PPM	-5	45	1000
4473-HCFC-ZONE3-	PPM	-5	45	1000
4473-HCFC-ZONE4-	PPM	-5	45	1000
4473-HCFC-ZONE5-	PPM	-5	45	1000
4473-HCFC-ZONE6-	PPM	-5	45	1000
4473-HCFC-ZONE7-	PPM	-5	45	1000
4473-HCFC-ZONE8-	PPM	-5	45	1000
4473-INDUS_WATER-PRESSURE-	PSI	25	90	100
4473-MAKEUP_WATER-PRESSURE-	PSI	15	40	100
4473-SUMP1-CWRT-	DEGF	0	105	240
4473-SUMP1-CWST-	DEGF	55	90	275
4473-SUMP1-CWST-alternate	DEGF	55	90	240
4473-SUMP2-CWRT-	DEGF	0	105	240
4473-SUMP2-CWST-	DEGF	55	90	275
4473-SUMP2-CWST-alternate	DEGF	55	90	240
4475-AH11-SPT-	DEGF	55	85	122
4475-AH12-SPT-	DEGF	55	85	122
4475-AH1-MXAT-	DEGF	40	100	275
4475-AH2-MXAT-	DEGF	40	100	275
4475-CHWS-DPT1-	PSID	-5	50	60
4475-CHWS-DPT2-	PSID	-5	50	60
4475-HWC1-HWRT-	DEGF	35	200	275
4475-HWC1-HWST-	DEGF	35	182	275
4475-STMVLV-STMP1-	PSIG	5	30	61
4475-UPS-SPT-	DEGF	55	76	275
4476-AH1-MXAT-	DEGF	40	100	275
4476-AH2-MXAT-	DEGF	40	100	275
4476-AH3-MXAT-	DEGF	40	100	275
4476-AH4-MXAT-	DEGF	40	100	275
4476-AH8-MXAT-	DEGF	40	100	275
4476-AH8-SPT-	DEGF	60	80	275
4476-CHWS-DPT1-	PSID	-5	40	60
4476-CHWS-DPT2-	PSID	-10	40	60
4476-CHWS-DPT3-	PSID	-5	40	60
4476-FID01-DCVOLT-	VOLT	26	28	30
4476-HWC1-HWST-	DEGF	50	220	275
4476-RM113-RH-	RH	25	85	100
4476-RM113-SPT-	DEGF	60	80	121
4476-RM114-RH-	RH	0	65	100
4476-RM114-SPT-	DEGF	65	78	110
4476-RM202C-SPT-	DEGF	60	95	300
4476-STMVLV-STMP1-	PSIG	-5	30	60
4477-CHWS-DPT-	IN	-5	40	60
4481-ACMP1-PSI-	PSIG	10	40	60
4481-ACMP3_4-PSI-	PSIG	10	40	60
4481-AH13-MXAT-	DEGF	40	100	300
4481-AH8-MXAT-	DEGF	40	100	300
4481-AH9-MXAT-	DEGF	40	100	300
4481-CHWS-DPT1-	psi	-5	40	60

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4481-CHWS-DPT2-	psi	-5	40	60
4481-CHWS-DPT3-	psi	-5	40	60
4481-CHWS-DPT4-	psi	-10	40	60
4481-FID01-DCVOLT-	VOLT	26	28	30
4481-FID02-DCVOLT-	VOLT	26	28	30
4481-HWC1-HWST-	DEGF	70	210	300
4481-HWC2-HWST-	DEGF	50	220	275
4481-HWC3-HWST-	DEGF	50	220	275
4481-HWC4-HWST-	DEGF	50	220	275
4481-HWC5-HWST-	DEGF	50	190	275
4481-STMVLV-STMP1-	PSIG	-10	30	60
4485-ACMP-PSI-	PSIG	15	58	60
4485-AH1A-MXAT-	DEGF	40	150	275
4485-AH1-MXAT-	DEGF	40	100	275
4485-AH2A-MXAT-	DEGF	40	100	275
4485-AH2-MXAT-	DEGF	40	100	275
4485-CHWS-DPT1-	psi	-5	40	60
4485-HWC1-HWST-	DEGF	50	200	300
4485-STMVLV-STMP1-	PSIG	-10	36	60
4487A-AH1-MXAT-	DEGF	40	100	450
4487A-AH22-MXAT-	DEGF	40	100	250
4487A-AH27-MXAT-	DEGF	40	100	250
4487A-AH2-SPT-	DEGF	60	80	122
4487A-AH3-MXAT-	DEGF	40	100	250
4487A-AH3-SPT-	DEGF	60	80	250
4487A-AH4-MXAT-	DEGF	40	150	300
4487A-AH5-MXAT-	DEGF	40	100	250
4487A-AH6-MXAT-	DEGF	40	100	275
4487A-AH7-MXAT-	DEGF	40	100	275
4487A-AH7-RARH-	%RH	10	70	100
4487A-AH8-MXAT-	DEGF	40	100	275
4487AB-AH1-MXAT-	DEGF	40	100	275
4487AB-AH20-MXAT-	DEGF	40	100	275
4487AB-AH21-MXAT-	DEGF	40	100	150
4487AB-AH22-MXAT-	DEGF	40	100	275
4487AB-AH2-MXAT-	DEGF	40	100	275
4487AB-HWC3-HWST-	DEGF	0	250	300
4487AB-STMVLV-STMP2-	PSIG	-10	35	50
4487A-HWC1-HWRT-	DEGF	100	200	275
4487A-HWC1-HWST-	DEGF	80	200	275
4487A-HWC2-HWRT-	DEGF	100	200	275
4487A-HWC2-HWST-	DEGF	30	250	275
4487A-RM112-RH-	RH	25	70	100
4487A-RM114-RH-	RH	25	70	100
4487A-RM114-SPT-	DEGF	60	80	132
4487A-STMVLV-STMP1-	PSIG	-4	25	60
4487A-UPS1-SPT-	DEGF	60	78	275
4487B-AH14-MXAT-	DEGF	40	150	165
4487B-AH15-MXAT-	DEGF	40	150	165
4487B-AH1-MXAT-	DEGF	40	100	275

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4487B-AH20A-MXAT-	DEGF	40	100	275
4487B-AH20-MXAT-	DEGF	40	100	275
4487B-AH21-MXAT-	DEGF	40	100	275
4487B-AH2-MXAT-	DEGF	40	100	275
4487B-AH3-MXAT-	DEGF	40	100	275
4487B-AH4-RH-	RH	40	70	105
4487B-AH4-SPTZ1-	DEGF	66	70	165
4487B-AH4-SPTZ2-	DEGF	66	70	165
4487B-AH5-SPT-	DEGF	63	72	165
4487B-AH8-MXAT-	DEGF	40	100	275
4487B-AH9-MXAT-	DEGF	40	100	275
4487BC-AH1-MXAT-	DEGF	40	100	275
4487BC-AH2-MXAT-	DEGF	40	100	275
4487BC-AH2-RH-	RH	40	55	100
4487BC-AH2-SPT-	DEGF	67	73	275
4487BC-AH3-MXAT-	DEGF	40	100	275
4487BC-AH3-RH-	RH	40	60	100
4487BC-AH3-SPT-	DEGF	68	72	275
4487BC-AH7-MXAT-	DEGF	40	100	275
4487BC-AH7-RH-	RH	10	50	100
4487BC-AH7-SPT-	DEGF	68	73	275
4487B-CHWP3-DPT-	IN	-5	40	60
4487B-RM230A-SPT-	DEGF	55	95	104
4487B-STMVLV-STMP1-	PSIG	-5	25	100
4487B-WSTA-OAT-	DEGF	20	100	120
4487B-WSTA-WIND_SPEED-	MPH	-4	50	100
4487C-AH1-MXAT-	DEGF	40	100	275
4487C-AH20-MXAT-	DEGF	40	100	211
4487C-AH21-MXAT-	DEGF	40	100	211
4487C-AH22-MXAT-	DEGF	40	150	275
4487C-AH2-MXAT-	DEGF	40	100	275
4487C-AH3-MXAT-	DEGF	40	100	211
4487C-AH4-MXAT-	DEGF	40	100	275
4487C-AH4-SPT03-	DEGF	55	80	275
4487C-AH4-SPT05-	DEGF	55	80	275
4487C-AH4-SPT06-	DEGF	55	80	275
4487C-AH4-STATIC-	IN	-1	4	5
4487C-AH5-MXAT-	DEGF	40	100	275
4487C-CHWP1-DPT-	LBS	-5	40	60
4487C-CHWP2-DPT-	IN	-5	40	60
4487C-HWC1-HWST-	DEGF	110	210	275
4487C-HWC3-HWST-	DEGF	80	200	275
4487-CHWS-CHWRT-	DEGF	36	75	79
4487-CHWS-CHWST-	DEGF	38	48	79
4487-CHWS-DPT2-	IN	-5	40	60
4487-CHWS-DPT3-	PSI	-5	40	60
4487-CHWS-DPT4-	IN	-5	45	60
4487-CHWS-DPT5-	IN	-5	45	60
4487-CHWS-DPT6-	IN	-5	40	60
4487-CHWS-DPT7-	IN	-5	40	60

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4487C-STMVLV-STMP1-	PSIG	3	35	60
4487-FID03-DCVOLT-	VOLT	26	28	30
4487-FID04-DCVOLT-	VOLT	26	28	30
4487-FID04-RH-	RH	0	85	100
4487-PABX-RH-	%RH	0	70	100
4487-PABX-SPT-	DEGF	45	75	120
4491-AH1-MXAT-	DEGF	40	100	275
4491-AH1-PHT1-	DEGF	40	150	275
4491-AH1-PHT2-	DEGF	40	160	275
4491-AH1-SPT_Z3-	DEGF	65	80	140
4491-AH3-MXAT-	DEGF	40	100	275
4491-AH4-MXAT-	DEGF	40	100	275
4491-BLR-STMP-	PSIG	-10	110	0
4491-CHWS-DPT1-	psi	-5	40	60
4491-RM126-SPT-	DEGF	65	80	122
4491-RM128-SPT-	DEGF	65	83	122
4491-STMVLV-STMP1-	PSIG	5	30	60
4492-AH1-MXAT-	DEGF	40	150	300
4492-AH1-RAT-	DEGF	50	150	300
4492-STMVLV-STMP1-	PSIG	3	30	60
4493-AH1-MXAT-	DEGF	40	100	275
4493-AH2-MXAT-	DEGF	40	100	275
4493-AH3-MXAT-	DEGF	40	150	275
4493-AH5-MXAT-	DEGF	40	100	275
4493-AH6-MXAT-	DEGF	40	100	275
4493-AH6-RH1-	RH	40	60	100
4493-AH6-RH2-	RH	40	60	100
4493-AH6-RH3-	RH	40	60	100
4493-AH6-RH4-	RH	40	60	100
4493-AH6-SPT1-	DEGF	67	77	275
4493-AH6-SPT2-	DEGF	67	77	140
4493-AH6-SPT3-	DEGF	67	77	140
4493-AH6-SPT4-	DEGF	67	77	140
4493-AH7-PHT-	DEGF	40	150	275
4493-AH8-MXAT-	DEGF	40	100	275
4493-AH9-MXAT-	DEGF	40	150	275
4493-CHWS-CHWRT2-	DEGF	38	90	275
4493-CHWS-CHWST2-	DEGF	30	95	275
4493-CHWS-DPT1-	psi	-5	40	60
4493-CHWS-DPT2-	psi	-5	40	60
4493-RM120-RH-	RH	5	70	100
4493-RM120-SPT-	DEGF	60	77	131
4493-RM160-RH-	%RH	40	55	100
4493-RM160-SPT-	DEGF	67	77	122
4493-STMVLV-STMP1-	PSIG	3	25	60
4493-STMVLV-STMP2-	PSIG	5	26	60
4494-AH1-MXAT-	DEGF	40	100	300
4494-AH1-SPTZ1-	DEGF	50	100	300
4494-AH1-SPTZ2-	DEGF	50	100	300
4494-AH1-SPTZ3-	DEGF	35	90	300

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4494-AH1-SPTZ4-	DEGF	50	100	300
4494-AH1-SPTZ5-	DEGF	50	100	300
4494-AH1-SPTZ6-	DEGF	50	100	300
4494-AH1-SPTZ7-	DEGF	50	100	300
4494-CHWS-DPT1-	psi	-5	40	60
4494-STMVLV-STMP1-	PSIG	-10	40	60
4561-CH1-CHHP-	PSIA	0	28	30
4561-CH1-CUR-	AMPS	-60	109	300
4561-HWC1-HWST-	DEGF	85	215	275
4561-STMVLV-STMP-	PSIG	0	35	60
4567-BLR1-STMP-	PSIG	-5	115	175
4567-BLR2-STMP-	PSIG	50	115	150
4567-BLR3-STMP-	PSIG	-5	120	300
4567-FID01-DCVOLT-	VOLT	27	28	30
4570-AH1-MXAT-	DEGF	40	100	275
4570-AH2-MXAT-	DEGF	40	100	300
4570-CH1-CHHP-	PSIA	0	28	30
4570-CH1-CHWRT-	DEGF	42	60	300
4570-CH1-CHWST-	DEGF	38	52	300
4570-CH2-CUR-	AMPS	-1	200	400
4570-FID01-DCVOLT-	VOLT	27	28	36
4570-HWC2-HWST-	DEGF	90	210	300
4570-STMVLV-STMP-	PSIG	0	35	50
4583-CH1-CHHP-	PSIA	0	23	60
4583-CH1-CHWRP-	PSIG	20	200	200
4583-CH1-CHWRT-	DEGF	40	120	300
4583-CH1-CHWST-	DEGF	38	120	300
4583-CH1-CUR-	AMPS	-2	118	200
4583-FID01-DCVOLT-	VOLT	26	28	30
4583-PABX-RH-	RH	0	70	100
4583-PABX-SPT-	DEGF	55	75	120
4583-RM180-RH-	RH	10	85	100
4583-RM180-SPT-	DEGF	65	85	121
4583-STMVLV-STMP-	PSIG	-10	35	50
4600-STMV1-STMP2-	PSI	-10	40	200
4600-SUMP-LEVEL-	FT	0	3	8
4605-AH1-MXAT-	DEGF	40	100	275
4605-AH2-MXAT-	DEGF	40	100	275
4605-CH1-CHWRT-	DEGF	35	80	275
4605-CH1-CHWST-	DEGF	35	60	275
4605-HWS-HWST-	DEGF	100	220	275
4605-STMVLV-STMP1-	PSIG	-10	40	60
4610-ACMP2-PSI-	PSIG	15	36	60
4610-ACMP3-PSI-	PSIG	15	36	60
4610-AH12-MXAT-	DEGF	40	100	275
4610-AH13-MXAT-	DEGF	40	100	275
4610-AH3-MXAT-	DEGF	40	100	300
4610-AH4-MXAT-	DEGF	40	150	300
4610-AH5-MXAT-	DEGF	40	105	300
4610-AHB1-MXAT-	DEGF	40	100	165

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4610-AHB2-MXAT-	DEGF	40	100	165
4610-AHB3-MXAT-	DEGF	40	100	165
4610-BLR-STMP-	PSIG	-10	45	60
4610-CHWS-DPT1-	PSID	-10	40	60
4610-CHWS-DPT2-	PSID	-5	40	60
4610-CHWS-DPT3-	PSID	-5	40	60
4610-DXAC4-SPT-	DEGF	60	82	300
4610-DXAC5-SPT-	DEGF	60	82	300
4610-FID01-DCVOLT-	VOLT	27	28	30
4610-FID02-DCVOLT-	VOLT	27	28	30
4610-PABX-RH-	RH	1	70	100
4610-PABX-SPT-	DEGF	55	75	120
4610-RAF11-MXAT-	DEGF	40	100	275
4610-RAF12-MXAT-	DEGF	40	100	275
4610-RAF21-MXAT-	DEGF	40	100	275
4610-RAF22-MXAT-	DEGF	40	100	275
4610-RAF23-MXAT-	DEGF	40	100	275
4610-RAF31-MXAT-	DEGF	40	100	275
4610-SPMP1-LEVEL-	FT	0	1	5
4610-STMVLV-STMP1-	PSIG	-3	30	60
4610-STMVLV-STMP2-	PSIG	-10	32	50
4610-WALKIN-COOLR1-	DEGF	25	50	300
4610-WALKIN-COOLR2-	DEGF	28	50	300
4610-WALKIN-FREEZ1-	DEGF	-10	25	300
4612A-AH1-SPT-	DEGF	62	78	300
4612A-AH3-MXAT-	DEGF	40	150	300
4612A-HWC1-HWRT-	DEGF	50	240	300
4612A-HWC1-HWST-	DEGF	50	242	300
4612A-STMVLV-STMP1-	PSIG	-10	47	50
4612A-STMVLV-STMP2-	PSIG	-5	30	50
4612A-UPS-SPT-	DEGF	59	75	300
4612B-STMVLV-STMP1-	PSIG	-5	30	60
4612B-STMVLV-STMP2-	PSIG	-10	30	60
4612-CHWS-DPT1-	IN	-5	40	60
4612-CHWS-DPT2-	IN	-5	40	60
4612-CHWS-DPT3-	psid	-5	40	60
4612D-STMVLV-STMP1-	PSIG	-10	30	300
4612-FID01-DCVOLT-	VOLT	27	28	40
4612-FID02-DCVOLT-	VOLT	27	28	30
4612-FID03-DCVOLT-	VOLT	27	28	30
4612-RM1401-RH-	RH	5	85	100
4612-RM1401-SPT-	DEGF	60	78	120
4613-FID01-DCVOLT-	VOLT	27	28	30
4618-CHWS-DPT1-	IN	-5	40	60
4618-HWS-HWST-	DEGF	80	200	275
4618-STMVLV-STMP1-	PSIG	-10	30	50
4619-AH23-MXAT-	DEGF	40	100	275
4619-AH24-MXAT-	DEGF	40	100	275
4619-AH30-MXAT-	DEGF	40	150	275
4619-AH31-MXAT-	DEGF	40	100	275

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4619-AH32-MXAT-	DEGF	40	100	275
4619-AH33-MXAT-	DEGF	40	100	275
4619-AH34-MXAT-	DEGF	40	100	275
4619-AH35-MXAT-	DEGF	40	100	275
4619-AH36-MXAT-	DEGF	40	100	275
4619-AH37-MXAT-	DEGF	40	100	275
4619-AH38-MXAT-	DEGF	40	100	275
4619-AH39-MXAT-	DEGF	40	100	275
4619-AH40-MXAT-	DEGF	38	100	275
4619-AH5A-RAT-	DEGF	60	75	300
4619-AH5A-SPT-	DEGF	60	75	300
4619-AH5B-RAT-	DEGF	60	75	300
4619-AHB3-MXAT-	DEGF	40	100	275
4619-CHWS-DPT1-	IN	-5	40	60
4619-CHWS-DPT3-	IN	-5	40	60
4619-CHWS-DPT4-	IN	-5	40	60
4619-CHWS-DPT5-	IN	-5	40	60
4619-FID01-DCVOLT-	VOLT	26	28	30
4619-FID02-DCVOLT-	VOLT	27	28	30
4619-HV10B-MXAT-	DEGF	40	100	300
4619-HWC1-HWST-	DEGF	50	225	300
4619-HWC2-HWRT-	DEGF	100	200	250
4619-HWC2-HWST-	DEGF	100	215	275
4619-HWC3-HWRT-	DEGF	50	210	275
4619-HWC3-HWST-	DEGF	50	210	275
4619-STMVLV-STMP1-	PSIG	-10	30	100
4619-STMVLV-STMP2-	PSIG	3	12	60
4619-STMVLV-STMP3-	PSID	5	25	100
4619-STMVLV-STMPHI-	PSIG	50	210	300
4621-AH1-SPT-	DEGF	40	90	300
4621-CHWS-DPT1-	IN	-5	40	60
4623-AH1-MXAT-	DEGF	40	100	275
4623-AH1-SPT02-	DEGF	60	78	275
4623-AH1-STATIC-	IN	0	4	5
4623-CHLR1-CHWRT-	DEGF	35	80	275
4623-CHLR2-CHWRT-	DEGF	35	90	275
4623-CHWS-CHWRT-	DEGF	35	75	275
4623-CHWS-CHWST-	DEGF	35	80	275
4628-AH1-PHT-	DEGF	45	110	300
4628-AH2-MXAT-	DEGF	40	150	200
4628-BLR-STMP-	PSIG	-3	36	100
4628-FID01-DCVOLT-	VOLT	27	28	30
4628-STMVLV-STMP1-	PSIG	0	40	60
4629-DXAC2-RAT-	DEGF	40	90	275
4629-DXAC3-RAT-	DEGF	40	80	275
4629-DXAC4_5-SPT-	DEGF	50	85	122
4629-RM108-RH-	DEGF	5	95	100
4629-RM108-SPT-	DEGF	65	80	140
4644-UPS1-SPT-	DEGF	60	80	275
4646-CH1-CHWRT-	DEGF	32	90	300

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4646-CH1-CHWST-	DEGF	32	90	300
4646-FID01-DCVOLT-	VOLT	27	28	30
4649-HWC1-HWRT-	DEGF	40	220	300
4649-HWC1-HWST-	DEGF	40	220	300
4649-PABX-RH-	RH	10	85	100
4649-PABX-SPT1-	DEGF	60	75	120
4650-AH1-PHT-	DEGF	40	150	300
4650-AH1-RHZ10-	RH	0	60	100
4650-AH1-RHZ4-	RH	0	65	100
4650-AH1-RHZ5-	RH	0	60	100
4650-AH1-RHZ6-	RH	0	65	100
4650-AH1-RHZ7-	RH	0	60	100
4650-AH1-RHZ9-	RH	0	65	100
4650-AH1-SPTZ10-	DEGF	70	78	100
4650-AH1-SPTZ11-	DEGF	69	80	275
4650-AH1-SPTZ12-	DEGF	65	80	275
4650-AH1-SPTZ4-	DEGF	70	77	100
4650-AH1-SPTZ5-	DEGF	70	77	100
4650-AH1-SPTZ6-	DEGF	70	77	100
4650-AH1-SPTZ7-	DEGF	70	77	100
4650-AH1-SPTZ8-	DEGF	50	95	275
4650-AH1-SPTZ9-	DEGF	70	77	100
4650-AH2-PHT-	DEGF	40	100	275
4650-AH2-RHZ2-	RH	0	60	100
4650-AH2-RHZ3-	RH	0	60	100
4650-AH2-RHZ4-	RH	0	60	100
4650-AH2-RHZ7-	RH	0	60	100
4650-AH2-RHZ9-	RH	0	60	100
4650-AH2-SPTZ2-	DEGF	70	77	100
4650-AH2-SPTZ3-	DEGF	70	77	100
4650-AH2-SPTZ4-	DEGF	70	77	100
4650-AH2-SPTZ7-	DEGF	70	77	100
4650-AH2-SPTZ9-	DEGF	67	77	275
4650-AH3-PHT-	DEGF	40	150	275
4650-AH4-MXAT-	DEGF	40	150	300
4650-CHWS-DPT1-	IN	-5	40	60
4650-CHWS-DPT2-	IN	-5	40	60
4650-FID01-DCVOLT-	VOLT	27	28	30
4650-HWC-HWRT-	DEGF	50	200	275
4650-HWC-HWST-	DEGF	10	200	275
4650-STMVLV-STMP1-	PSIG	-10	150	300
4650-STMVLV-STMP2-	PSIG	-10	40	60
4653-CH1-CHWRT-	DEGF	10	85	300
4653-CH1-CHWST-	DEGF	10	85	300
4653-FID01-DCVOLT-	VOLT	27	28	30
4653-HWC1-HWST-	DEGF	50	255	300
4653-HWC2-HWST-	DEGF	50	210	300
4653-PABX-RH-	RH	10	70	100
4653-PABX-SPT-	DEGF	60	75	120
4655-RM100C-SPT-	DEGF	60	120	275

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4656-STMVLV-STMP1-	PSIG	-5	25	60
4660-BLR-STMP-	PSIG	70	106	200
4663A-ACMP1-PSI-	DEGF	15	25	60
4663A-AH1-MXAT-	DEGF	40	100	275
4663A-AH21A-MXAT-	DEGF	40	100	275
4663A-AH21B-MXAT-	DEGF	40	100	275
4663A-AH22A-MXAT-	DEGF	40	100	275
4663A-AH22B-MXAT-	DEGF	40	100	275
4663A-AH23A-MXAT-	DEGF	40	100	275
4663A-AH23B-MXAT-	DEGF	40	100	275
4663A-AH2-MXAT-	DEGF	40	100	275
4663A-AH2-SPTZ2-	DEGF	65	78	275
4663A-AH4-MXAT-	DEGF	40	100	275
4663A-AHB3-CDKT-	DEGF	40	57	275
4663A-AHB3-MXAT-	DEGF	40	100	275
4663A-AHB3-SPTZ1-	DEGF	40	90	275
4663A-AHB3-SPTZ2-	DEGF	40	90	275
4663A-RM010-SPT-	DEGF	60	80	300
4663A-RM011-SPT-	DEGF	60	72	300
4663A-RM012-RH-	RH	0	70	100
4663A-RM012-SPT-	DEGF	63	75	121
4663A-RM109-RH1-	RH	0	60	100
4663A-RM109-RH2-	RH	15	60	100
4663A-RM109-SPT1-	DEGF	64	75	120
4663A-RM109-SPT2-	DEGF	65	75	121
4663A-RM109-SPT3-	DEGF	60	77	275
4663A-RM109-SPT4-	DEGF	65	75	275
4663A-RM114-SPT-	DEGF	60	78	275
4663A-RM201B-SPT-	DEGF	65	78	275
4663A-RM201C-SPT-	DEGF	65	78	275
4663A-RM201-SPT-	DEGF	65	78	275
4663A-RM280-SPT-	DEGF	65	79	275
4663A-RM285-SPT-	DEGF	50	78	275
4663A-SEWER-LEVEL-	Feet	-1	2	7
4663A-SUMP2-LEVEL-	IN	0	9	36
4663A-UPS1-RH-	%RH	10	90	100
4663A-UPS1-SPT-	DEGF	55	78	275
4663B-ACMP1-PSI-	PSI	15	25	60
4663B-ACMP2-PSI-	DEGF	15	25	60
4663B-AH10-MXAT-	DEGF	40	100	275
4663B-AH12-MXAT-	DEGF	40	100	150
4663B-AH13_B204-SPT-	DEGF	65	78	90
4663B-AH13_B208-SPT-	DEGF	55	73	90
4663B-AH13-MXAT-	DEGF	40	100	150
4663B-AH13-RAT-	DEGF	66	74	150
4663B-AH14_B204-SPT-	DEGF	65	78	90
4663B-AH14_B208-SPT-	DEGF	55	74	90
4663B-AH14-MXAT-	DEGF	40	100	150
4663B-AH14-RAT-	DEGF	66	74	150
4663B-AH1-MXAT-	DEGF	40	100	275

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4663B-AHB1-MXAT-	DEGF	40	100	150
4663B-AHB1-RAT-	DEGF	65	73	150
4663B-AHB1-Z1&2SPT_A-	DEGF	60	78	90
4663B-AHB1-Z1&2SPT_B-	DEGF	65	78	90
4663B-AHB1-Z1&2SPT_C-	DEGF	65	78	90
4663B-AHB1-Z1&2SPT_D-	DEGF	65	75	90
4663B-AHB1-Z1&2SPT_E-	DEGF	68	79	90
4663B-AHB1-Z3SPT-	DEGF	65	75	90
4663B-CH1-CHHP-	PSIG	-12	14	46
4663B-CH1-CHWRT-	DEGF	38	58	300
4663B-CH1-CHWST-	DEGF	38	50	300
4663B-CH1-CUR-	AMPS	-9	82	100
4663B-CH3-CHHP-	PSIG	-12	14	46
4663B-CH3-CHWRP-	PSIG	-1	85	100
4663B-CH3-CHWRT-	DEGF	38	60	300
4663B-CH3-CHWST-	DEGF	38	55	300
4663B-CH3-CUR-	AMPS	-10	80	100
4663B-CWS-CWST-	DEGF	32	90	300
4663B-HWC1-HWST-	DEGF	60	212	300
4663B-RM011-RH-	RH	20	80	100
4663B-RM011-SPT-	DEGF	60	80	120
4663B-RM113-RH1-	RH	5	65	100
4663B-RM113-RH2-	RH	5	65	100
4663B-RM113-SPT1-	DEGF	63	85	120
4663B-RM113-SPT2-	DEGF	60	85	120
4663B-RM160D-SPT-	DEGF	50	81	300
4663B-RM160-RH1-	RH	5	69	100
4663B-RM160-RH2-	RH	5	68	100
4663B-RM160-SPT1-	DEGF	55	78	120
4663B-RM160-SPT2-	DEGF	60	85	120
4663B-RM213-SPT-	DEGF	60	78	90
4663B-UPS1-RH-	RH	1	90	100
4663B-UPS1-SPT-	DEGF	60	78	120
4663B-UPS2-SPT-	DEGF	60	80	300
4663C-ACMP1-PSI-	DEGF	15	25	60
4663C-AH1-MXAT-	DEGF	40	100	275
4663C-AH20-MXAT-	DEGF	40	100	275
4663C-AH20-SPTZ1-	DEGF	40	80	275
4663C-AH20-SPTZ3-	DEGF	55	78	275
4663C-AH3-MXAT-	DEGF	40	100	275
4663C-AH8-MXAT-	DEGF	40	100	275
4663-CHWS-CHWRT-	DEGF	39	65	85
4663-CHWS-CHWST-	DEGF	38	48	85
4663-CHWS-DPT1-	PSID	-5	40	60
4663-CHWS-DPT2-	PSID	-5	40	60
4663-CHWS-DPT4-	PSID	-10	40	60
4663-CHWS-EASTPIT_TEMP-	DEGF	38	100	240
4663-CHWS-GPM-	GPM	100	2400	2500
4663-CHWS-WESTPIT_TEMP-	DEGF	38	100	240
4663C-RM210-RH-	RH	5	72	100

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4663C-RM210-SPT-	DEGF	64	76	120
4663C-RM260-RH-	RH	0	72	100
4663C-RM260-SPT-	DEGF	60	76	120
4663D-AH1-MXAT-	DEGF	40	100	275
4663-FID01-DCVOLT-	VOLT	27	28	30
4663-FID02-DCVOLT-	VOLT	27	28	30
4663-FID03-DCVOLT-	VOLT	27	28	30
4663M-AH15-MXAT-	DEGF	40	100	275
4663M-RM101C-SPT-	DEGF	63	75	275
4663M-RM101-SPT-	DEGF	65	79	275
4663M-RM103-RH-	RH	30	80	100
4663M-RM103-SPT-	DEGF	65	78	120
4663M-RM211-RH1-	RH	20	70	100
4663M-RM211-RH2-	RH	20	70	100
4663M-RM211-SPT1-	DEGF	58	75	120
4663M-RM211-SPT2-	DEGF	55	75	140
4663M-UPS1-MXAT-	DEGF	40	100	275
4663M-UPS1-SPT-	DEGF	65	78	275
4663-PABX-RH-	RH	20	70	100
4663-PABX-SPT-	DEGF	55	75	120
4663-PHABUS-VAC-	VOLT	3986	4368	5300
4663-PHBBUS-VAC-	VOLT	3986	4368	5301
4663-PHCBUS-VAC-	VOLT	3986	4368	5300
4663-STMVLV-STMP1-	PSIG	-10	30	60
4666-AH1-MXAT-	DEGF	40	100	300
4666-AH2-MXAT-	DEGF	40	100	450
4666-AH3-MXAT-	DEGF	40	150	300
4666-AH4-MXAT-	DEGF	50	125	275
4666-AH5-MXAT-	DEGF	40	100	450
4666-CH1-CHWRT-	DEGF	35	95	300
4666-CH1-CHWST-	DEGF	35	95	300
4666-CH1-CUR-	AMPS	-5	400	450
4666-JID01-DCVOLT-	VOLT	26	28	30
4666-PABX-RH-	RH	10	70	100
4666-PABX-SPT-	DEGF	55	75	120
4666-RM250-SPT-	DEGF	50	78	300
4666-STMVLV-STMP2-	PSIG	-2	35	50
4666-STMVLV-STMP3-	PSIG	-3	30	70
4670-8THLVL-RH-	RH	0	90	100
4670-8THLVL-SPT-	DEGF	60	78	120
4670-9THLVL-RH-	RH	0	85	100
4670-9THLVL-SPT-	DEGF	60	78	131
4670-CH1_CMP1-CHHP-	PSIG	60	300	500
4670-CH1_CMP2-CHHP-	PSIG	60	300	500
4670-CH1-CHWRT-	DEGF	41	80	300
4670-CH1-CHWST-	DEGF	40	160	300
4670-HWC1-HWST-	DEGF	50	220	300
4670-SUMP1-AMP-	AMPS	8	12	20
4670-SUMP2-AMP-	AMPS	8	12	20
4670-SUMP3-AMP-	AMPS	2	8	20

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4670-SUMP4-AMP-	AMPS	8	25	60
4670-SUMP5-AMP-	AMPS	38	48	200
4670-SUMP6-AMP-	AMPS	38	48	80
4674-CH1-CHHP-	PSIA	-5	28	60
4674-CH1-CHWRT-	DEGF	40	80	300
4674-CH1-CHWST-	DEGF	39	90	300
4674-CH1-CUR-	AMPS	0	287	300
4674-FID01-DCVOLT-	VOLT	27	28	30
4674-HWC1-HWST-	DEGF	50	200	300
4674-RM208-SPT-	DEGF	60	81	300
4675-BLR1-STMP-	PSIG	-15	100	300
4675-BLR2-STMP-	PSIG	-15	120	200
4675-BLR3-STMP-	PSIG	-20	100	200
4692-RM1-SPT-	DEGF	40	80	120
4700-PWS_FILTER-DPT-	PSI	-1	8	15
4700-PWS_PUMP1-PRESSURE-	PSI	90	300	500
4700-PWS_TANK-LEVEL-	Ft H2O	15	39	80
4700-RM100-SPT-	DEGF	50	120	300
4702-AH1-MXAT-	DEGF	40	100	275
4702-AH2-MXAT-	DEGF	40	100	275
4702-CHWS-DPT1-	PSID	-5	40	60
4702-HWC1-HWST-	DEGF	95	195	275
4702-STMVLV-STMP1-	PSIG	-10	30	200
4702-STMVLV-STMP2-	PSIG	-5	30	60
4705-AH10A-MXAT-	DEGF	40	100	275
4705-AH10-MXAT-	DEGF	40	100	275
4705-AH12A-MXAT-	DEGF	40	100	275
4705-AH18A-MXAT-	DEGF	40	100	275
4705-AH19A-MXAT-	DEGF	40	100	275
4705-AH19B-MXAT-	DEGF	40	100	275
4705-AH1A-MXAT-	DEGF	40	100	275
4705-AH1-MXAT-	DEGF	40	100	275
4705-AH20A-MXAT-	DEGF	40	100	275
4705-AH20-MXAT-	DEGF	40	100	275
4705-AH22-MXAT-	DEGF	40	100	275
4705-AH24-MXAT-	DEGF	40	100	275
4705-AH25-MXAT-	DEGF	40	100	275
4705-AH26-MXAT-	DEGF	40	100	275
4705-AH27-MXAT-	DEGF	40	100	275
4705-AH28-MXAT-	DEGF	40	100	275
4705-AH36-MXAT-	DEGF	40	100	275
4705-AH37-MXAT-	DEGF	40	100	275
4705-AH38-MXAT-	DEGF	40	100	275
4705-AH3-MXAT-	DEGF	40	100	275
4705-AH3-PHT-	DEGF	40	150	275
4705-AH3-RHZ1-	%RH	0	50	100
4705-AH3-SPTZ1-	DEGF	60	85	140
4705-AH48-MXAT-	DEGF	40	100	275
4705-AH49-MXAT-	DEGF	40	100	275
4705-AH4A-MXAT-	DEGF	40	100	275

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4705-CHWS-DPT1-	psi	-5	40	60
4705-CHWS-DPT2-	psi	-5	40	60
4705-CHWS-DPT3-	psi	-5	40	60
4705-CHWS-DPT4-	psi	-5	40	60
4705-CHWS-DPT5-	psi	-5	35	60
4705-CHWS-DPT6-	psi	-5	40	60
4705-CHWS-PSI-	PSID	0	95	200
4705-FID01-DCVOLT-	VOLT	26	28	30
4705-FID02-DCVOLT-	VOLT	27	28	30
4705-FID03-DCVOLT-	VOLT	27	28	30
4705-HWC2-HWST-	DEGF	50	205	275
4705-STMVLV-STMP1-	PSIG	3	45	45
4705-STMVLV-STMP2-	PSIG	-2	30	60
4705-STMVLV-STMP3-	PSIG	-10	30	55
4707-AH10-CDKT-	DEGF	35	150	275
4707-AH10-RAT-	DEGF	32	110	275
4707-AH21-MXAT-	DEGF	40	100	275
4707-AH28&29-RH-	%RH	5	60	100
4707-AH28&29-SPT-	DEGF	68	75	100
4707-AH28-MXAT-	DEGF	40	100	100
4707-AH29-MXAT-	DEGF	40	100	100
4707-AH31-MXAT-	DEGF	40	100	300
4707-AH31-PHT-	DEGF	40	150	300
4707-AH33-MXAT-	DEGF	40	100	275
4707-AH33-RH-	%RH	30	60	100
4707-AH6-RH-	%RH	5	60	100
4707-AH6-SPT-	DEGF	67	73	275
4707-AH7-MXAT-	DEGF	40	100	275
4707-AH9-MXAT-	DEGF	40	100	275
4707-AH9-SPT-	DEGF	67	73	275
4707-BLR-STMP-	PSIG	-10	160	200
4707-CHWS-DPT1-	PSID	-5	40	60
4707-CHWS-DPT2-	PSID	-5	40	60
4707-CHWS-DPT3-	PSID	-5	40	60
4707-CHWS-DPT4-	PSID	-5	40	60
4707-FID01-DCVOLT-	VOLT	27	28	30
4707-HWC1-HWST-	DEGF	110	210	300
4707-HWC2-HWST-	DEGF	50	200	275
4707-HWC3-HWST-	DEGF	50	200	275
4707-Minus20DegC-Freezer1-	DegC	-30	0	38
4707-Minus20DegC-Freezer2-	DegC	-30	0	38
4707-RM121-RH-	RH	30	60	100
4707-RM121-SPT-	DEGF	67	77	120
4707-RM129-RH-	RH	40	60	105
4707-RM129-SPT-	DEGF	65	77	121
4707-RM129-STATIC-	IWC	0	0	0
4707-RM156-SPT-	DEGF	57	78	122
4707-STMVLV-STMP1-	PSIG	70	130	200
4707-STMVLV-STMP2-	PSIG	5	30	60
4707-STMVLV-STMP3-	PSIG	5	30	60

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UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4707-WALKIN-COOLR1-	DEGF	25	50	300
4707-WALKIN-COOLR3-	DEGF	30	42	300
4707-WALKIN-FREEZ1-	DEGF	-20	10	300
4707-WALKIN-FREEZ2-	DEGF	-20	10	300
4708A-AH14-STATIC-	IWC	0	0	1
4708A-AH17-RARH-	RH	10	65	100
4708A-AH17-RAT-	DEGF	63	77	165
4708A-AH1-MXAT-	DEGF	40	100	300
4708A-AH4-PHSAT-	DEGF	45	119	120
4708A-HWC1-HWST-	DEGF	140	210	300
4708A-HWC2-HWST-	DEGF	110	190	300
4708A-HWC3-HWRT-	DEGF	90	212	250
4708A-HWC3-HWST-	DEGF	50	212	250
4708A-RM1105-RH-	RH	0	65	100
4708A-RM1105-SPT-	DEGF	67	77	120
4708A-RM1107A-RH-	RH	10	80	100
4708A-RM1107A-SPT-	DEGF	60	80	120
4708A-RM1110A-RH-	RH	30	65	100
4708A-RM1110A-SPT-	DEGF	67	77	120
4708A-RM1110-RH-	RH	30	65	100
4708A-RM1110-SPT-	DEGF	60	77	120
4708A-RM1241B-RH-	RH	5	90	100
4708A-RM1241B-SPT-	DEGF	58	76	120
4708B-AH20-MXAT-	DEGF	40	100	165
4708B-AH20-RARH-	RH	35	65	105
4708B-AH20-RAT-	DEGF	67	77	165
4708B-AH21-MXAT-	DEGF	40	100	165
4708B-AH21-RH-	RH	30	70	105
4708B-AH21-SARH-	RH	5	99	105
4708B-AH21-SPT-	DEGF	60	82	165
4708B-AH22-MXAT-	DEGF	40	100	165
4708B-CHWS-CHWRT-	DEGF	40	85	165
4708B-CHWS-CHWST-	DEGF	40	60	165
4708B-CR163-RH-	% RH	30	60	100
4708B-CR163-SPT-	DEGF	67	77	165
4708B-HWS-HWRT-	DEGF	100	200	250
4708B-HWS-HWST-	DEGF	140	205	250
4708-BLR1-STMP-	PSIG	5	30	60
4708B-RM150-STATIC-	IWC	0	0	5
4708B-RM151-STATIC-	IWC	0	0	5
4708B-SAF1-MXAT-	DEGF	40	100	165
4708B-SAF1-RARH-	RH	35	65	105
4708B-SAF1-RAT-	DEGF	67	77	165
4708B-SAF2-MXAT-	DEGF	40	100	165
4708B-SAF2-RARH-	RH	35	65	105
4708B-SAF2-RAT-	DEGF	67	77	165
4708B-SAF3-MXAT-	DEGF	40	100	165
4708B-SAF3-RARH-	RH	35	65	105
4708B-SAF3-RAT-	DEGF	67	77	165
4708B-SAF4-PHT-	DEGF	40	100	165

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4708B-SAF4-SAT-	DEGF	50	110	165
4708B-SAF6-PHT-	DEGF	45	100	165
4708B-SAF6-SAT-	DEGF	50	120	165
4708B-SAFS-AIRP-	PSIG	50	125	300
4708B-WALKIN-FREEZ1-	DEGF	-20	10	300
4708-CHWS-DPT1-	psi	-5	40	60
4708-CHWS-DPT2-	psi	-5	40	60
4708-CHWS-DPT3-	psi	-5	40	60
4708-CHWS-DPT4-	psi	-5	40	60
4708-CHWS-DPT5-	PSID	-5	40	60
4708-DXAC7-SPT-	DEGF	60	79	165
4708-FID01-DCVOLT-	VOLT	27	28	30
4708-FID02-DCVOLT-	VOLT	27	28	30
4708-FID02-RH-	RH	5	85	100
4708-FID03-DCVOLT-	VOLT	27	28	30
4708-FID04-DCVOLT-	VOLT	27	28	30
4708-HWC3-HWST-	DEGF	120	200	300
4708-PABX-RH-	RH	1	70	100
4708-PABX-SPT-	DEGF	55	75	120
4708-RMB4-SPT-	DEGF	62	80	300
4708-SPMP5-LEVEL-	FT	0	3	7
4708-STMVLV-STMP-	PSIG	5	48	60
4708-STMVLV-STMP2-	PSIG	3	40	50
4708-STMVLV-STMP3-	PSIG	4	35	60
4711-AH11-PHT-	DEGF	40	110	275
4711-AH11-SAT1-	DEGF	40	150	275
4711-AH15-SPT-	DEGF	50	85	122
4711-AH1-MXAT-	DEGF	40	100	275
4711-AH5-SPT04-	DEGF	55	75	90
4711-CHWS-DPT1-	IN	-10	40	60
4711-EF5or6-STATIC-	IWC	-2	-1	0
4711-EF7or8-STATIC-	IWC	-3	-1	0
4711-PABX-RH-	RH	10	70	100
4711-PABX-SPT-	DEGF	55	75	120
4711-WALKIN-FREEZ1-	DEGF	-20	10	275
4714-HWC01-HWRT-	DEGF	40	220	275
4714-HWC01-HWST-	DEGF	40	220	275
4714-STMVLV-STMP1-	PSIG	5	30	60
4715-RM100-SPT-	DEGF	50	70	100
4715-RM101-SPT-	DEGF	50	70	120
4718-1-AH6-MXAT-	DEGF	40	100	300
4718-1-AH6-RH-	RH	40	60	100
4718-1-AH6-SPT-	DEGF	68	74	105
4718-1-AH7-RAT-	DEGF	60	80	105
4718-1-AH7-RH-	RH	40	60	100
4718-1-AH7-SPT-	DEGF	68	74	105
4718-1-CH1-CHWRT-	DEGF	34	60	105
4718-1-CH1-CHWST-	DEGF	37	50	105
4718-2-AH2-MXAT-	DEGF	40	100	150
4718-2-AH2-RH-	RH	40	60	100

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4718-2-AH2-SPT-	DEGF	66	71	100
4718-AH11-MXAT-	DEGF	40	100	105
4718-AH11-RH-	RH	30	60	100
4718-AH11-SPT-	DEGF	66	70	105
4718-AH12-SPT-	DEGF	65	75	200
4718-AH1-BLDGDP-	IWC	0	0	4
4718-AH1-CCSAT-	DEGF	35	50	101
4718-AH1-MXAT-	DEGF	40	100	200
4718-AH1-PHT-	DEGF	40	150	200
4718-AH1-RH-	RH	35	46	105
4718-AH1-SPT1-	DEGF	66	68	99
4718-AH2-MXAT-	DEGF	40	100	200
4718-AH3-MXAT-	DEGF	40	100	105
4718-AH4-FILTER-	DEGF	0	2	3
4718-AH4-MXAT-	DEGF	40	100	105
4718-AH5-SPT-	DEGF	66	70	105
4718-AH6-MXAT-	DEGF	40	100	200
4718-AH6-PHT-	DEGF	40	150	200
4718-AH6-RARH-	RH	30	60	105
4718-AH6-RAT-	DEGF	60	70	200
4718-BLR-STACK_TEMP-	DegF	0	350	800
4718-BOILER-PSI-	PSIG	5	15	100
4718-CH1-CHWRT-	DEGF	40	65	300
4718-CH1-CHWST-	DEGF	-40	50	300
4718-CH1-CUR-	AMPS	-5	540	600
4718-CHWS-CHWRT-	DEGF	40	90	240
4718-CHWS-CHWST-	DEGF	38	90	240
4718-CHWS-CWST-	DEGF	65	110	300
4718-CHWS-DPT1-	psi	-5	40	60
4718-CHWS-DPT2-	PSID	-5	40	60
4718-CHWS-DPT3-	PSID	-5	40	60
4718-FAN1-LBT-	DEGF	60	150	200
4718-FAN1-UBT-	DEGF	60	150	200
4718-FAN3-LBT-	DEGF	60	150	200
4718-FAN3-UBT-	DEGF	60	155	200
4718-FAN4-LBT-	DEGF	60	150	200
4718-FAN4-UBT-	DEGF	60	150	200
4718-FAN5-LBT-	DEGF	60	150	200
4718-FAN5-UBT-	DEGF	60	150	200
4718-FAN6-LBT-	DEGF	60	150	200
4718-FAN6-UBT-	DEGF	60	150	200
4718-HCFC-PPM-	PPM	-5	45	1000
4718-HWC1-HWRT-	DEGF	80	205	208
4718-HWC1-HWST-	DEGF	105	200	220
4720-WALKIN-COOLER1-	DEGF	34	45	100
4720-WALKIN-FREEZER1-	DEGF	-25	20	240
4723-AH1-MXAT-	DEGF	40	100	275
4723-AH2-MXAT-	DEGF	40	100	275
4723-AH3-MXAT-	DEGF	40	100	275
4723-AH3-RAT-	DEGF	50	85	275

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SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4723-AH3-SPTZ1-	DEGF	65	76	275
4723-AH4-MXAT-	DEGF	40	100	275
4723-AH4-SPTZ1-	DEGF	65	78	375
4723-AH4-SPTZ2-	DEGF	65	78	275
4723-AH4-SPTZ3-	DEGF	65	78	275
4723-AH4-SPTZ4-	DEGF	65	78	275
4723-CHWS-CHWRT-	DEGF	36	75	79
4723-CHWS-CHWST-	DEGF	38	79	79
4723-CHWS-DPT1-	psi	-7	40	60
4723-CHWS-GPM-	GPM	0	200	1000
4723-FID01-DCVOLT-	VOLT	27	28	30
4723-HWC1-HWST-	DEGF	10	220	300
4723-STMVLV-STMP1-	PSIG	-5	40	100
4727-CHWS-DPT1-	PSID	-10	40	60
4727-STMVLV-STMP1-	PSIG	-10	30	60
4727-STMVLV-STMP2-	PSIG	-10	40	60
4728-AH1-MXAT-	DEGF	40	100	300
4728-CHWS-DPT1-	IN	-10	45	60
4728-FID01-DCVOLT-	VOLT	27	28	30
4732-AH1-MXAT-	DEGF	40	100	275
4732-AH2-MXAT-	DEGF	40	100	275
4732-AH3-MXAT-	DEGF	40	100	275
4732-AH4-MXAT-	DEGF	40	100	275
4732-AH5-MXAT-	DEGF	40	100	275
4732-AH6-MXAT-	DEGF	40	100	275
4732-AH7-MXAT-	DEGF	40	100	275
4732-AH8-MXAT-	DEGF	40	200	275
4732-CHWS-DPT1-	IN	-5	40	60
4732-CHWS-DPT2-	PSI	-5	40	60
4733-CHWS-DPT1-	PSID	-5	40	60
4735-HWC1-HWST-	PSIG	50	200	275
4735-STMVLV-STMP1-	PSIG	-5	45	60
4739-CHWS-DPT1-	IN	-10	40	60
4752-CHWS-DPT1-	psi	-10	40	60
4752-STMVLV-STMP1-	PSIG	-10	40	60
4754-CHWS-DPT1-	psi	-5	50	60
4755-AH10-RAT-	DEGF	50	80	300
4755-AH12-RAT-	DEGF	50	80	300
4755-AH18-MXAT-	DEGF	40	150	300
4755-AH1-MXAT-	DEGF	40	100	275
4755-AH20-MXAT-	DEGF	40	100	275
4755-AH44-MXAT-	DEGF	40	100	275
4755-BLR-STMP-	PSIG	-5	210	210
4755-CHWS-DPT1-	psi	-5	40	60
4755-CHWS-DPT2-	psi	-5	40	60
4755-CHWS-DPT3-	psi	-5	40	60
4755-ELEV-SPT-	DEGF	40	80	275
4755-FID01-DCVOLT-	VOLT	27	28	30
4755-HWC1-HWST-	DEGF	50	200	300
4760-DXAC4-MXAT-	DEGF	40	120	300

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ATTACHMENT J-21
SPECIAL CONTROL REQUIREMENTS

UCS Point Name	Engineering Units	Low Limit	High Limit	Range
4760-FID01-DCVOLT-	VOLT	26	28	30
4760-RM201-RH-	RH	5	50	100
4760-RM201-SPT-	DEGF	67	77	300
4760-STMVLV-STMP1-	PSIG	5	40	60
4760-TANK57-TEMP_ALARM-	DEGF	0	20	300
4761-EFFLUENT-PHLVL-	PH	6	9	13
4776-BLR-STMP-	PSIG	8	300	300

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
4200	4200-AH0001	Air Handling Unit, Rm G1 - Disconnect on south east side
	4200-AH0002	Air Handling Unit, Rm G1 - Disconnect on south east side
	4200-AH0003	Air Handling Unit, Rm G34C - Disconnect on unit
	4200-AH0004	Air Handling Unit, Rm G9 - Above Ceiling Over Cash - Disconnect on unit
	4200-AH0005	Air Handling Unit, Rm G15A - Above Ceiling - Disconnect on unit
	4200-AH0006	Air Handling Unit, Rm 106A - Disconnect on unit
	4200-AH0007	Air Handling Unit, Rm 527
	4200-AH0008	Air Handling Unit, Rm G42B Overhead
	4200-AH0009	Air Handling Unit, Rm G42C Overhead
4203	4203-AH0002	Air Handling Unit, Rm 2003 - Disconnect on unit
	4203-AH0003	Air Handling Unit, Rm 3003 - Disconnect on unit
	4203-AH0004	Air Handling Unit, Rm 4003 - Disconnect on unit
	4203-AH0005	Air Handling Unit, Rm 5003 - Disconnect on unit
	4203-AH0006	Air Handling Unit, Rm 6003 - Disconnect on unit
	4203-AH0007	Air Handling Unit, Penthouse - Disconnect on unit
	4203-AH00B1	Air Handling Unit, Basement Rm B200A/E-4- Disconnect on unit
	4203-AH00B2	Air Handling Unit, Basement Rm B200A/E-4 - Disconnect on unit
	4203-AH00B3	Air Handling Unit, Basement Rm B200A/E-4 - Disconnect on unit
4205	4205-AH0001	Air Handling Unit, Rm 201/E-1
	4205-AH0002	Air Handling Unit, Rm 201/E-1
	4205-AH0003	Air Handling Unit, Rm 201/E-1
	4205-AH0004	Air Handling Unit, OUTSIDE EAST
	4205-AH0005	Air Handling Unit, Rm 202/E-2
	4205-AH0006	Air Handling Unit, Rm 202/E-2
	4205-AH0007	Air Handling Unit, Rm 202/E-2
	4205-AH0008	Air Handling Unit, Rm 202/E-2
	4205-AH0009	Air Handling Unit, Rm 203/E-3
	4205-AH0010	Air Handling Unit, Rm 203/E-3
	4205-AH0011	Air Handling Unit, Rm 203/E-3
	4205-AH0012	Air Handling Unit, Rm 202/E-2
	4205-AH0013	Air Handling Unit, Rm 201/E-1
	4205-AH0014	Air Handling Unit, Rm 201/E-1
	4205-AH0015	Air Handling Unit, Rm 202/E-2
	4205-AH0016	Air Handling Unit, Rm 203/E-3
	4205-AH0017	Air Handling Unit, Penthouse
	4205-AH0018	Air Handling Unit, Penthouse
	4205-AH0019	Air Handling Unit, Rm 113B
	4205-AH0020	Air Handling Unit, Rm. 202, E-2
4207	4207-AH0001	Air Handling Unit, Rm 127/Rm E03 - Disconnect in room E3
	4207-AH0002	Air Handling Unit, Rm 127A/Rm E04 - Disconnect in room E4
	4207-AH0003	Air Handling Unit, Rm 24/Rm E11 - Disconnect in room E11
	4207-AH0004	Air Handling Unit, Rm 26 - Disconnect on unit
	4207-AH0005	Air Handling Unit, Rm 142/Rm E06
	4207-AH0006	Air Handling Unit, Rm 26 - Disconnect on unit
	4207-AH0008	Air Handling Unit, Overhead 142A/Rm E08 - Disconnect on unit
	4207-AH00B1	Air Handling Unit, Rm B2/Rm E01 - Disconnect room E1
	4207-AH00B2	Air Handling Unit, Rm B2/Rm E01
4241	4241-AH0001	Air Handling Unit, Rm 123 - Disconnect on unit
	4241-AH0002	Air Handling Unit, Rm 123 - Disconnect on unit
	4241-AH0004	Air Handling Unit, Basement Overhead, Outside Rm. 113
4249	4249-AH0001	Air Handling Unit, Rm 127 - Disconnect on unit
	4249-AH0002	Air Handling Unit, Rm 135 - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
4250	4250-AH0001	Air Handling Unit, Rm 17 - Disconnect on unit
	4250-AH0002	Air Handling Unit, Over Hall Near Rm 71 - Disconnect on unit
	4250-AH0003	Air Handling Unit, Center Hallway, W. Corner - Disconnect on unit
	4250-AH0004	Air Handling Unit, Rm 45A Overhead - Disconnect on unit
	4250-AH0005	Air Handling Unit, Rm 52 Overhead - Disconnect on unit
	4250-AH0006	Air Handling Unit, Over Hall near Rm 69 - Disconnect on unit
	4250-AH0007	Air Handling Unit, Rm 57 Overhead - Disconnect on unit
	4250-AH0008	Air Handling Unit, Ucs Hallway Overhead
4312	4312-AH0001	Air Handling Unit, Rm 115/Rm E01 - Disconnect room E1
4315	4315-AH0001	Air Handling Unit, Rm 105
	4315-AH0002	Air Handling Unit, Roof, Middle, West
	4315-AH0003	Air Handling Unit, Roof, Middle, East
	4315-AH0004	Air Handling Unit, Above Rm 117B
	4315-AH0005	Air Handling Unit, Rm 103B
4316	4316-AH0001	Air Handler, Roof, Bldg 4316
	4316-AH0002	Air Handler, Roof, Bldg 4316
4353	4353-AH0001	Air Handling Unit, Rm Rm 114/Rm E1 - Disconnect room E1
	4353-AH0002	Air Handling Unit, Rm 135/Rm E02 - Disconnect room E2
	4353-AH0003	Air Handling Unit, Rm 106 - Disconnect on unit
	4353-AH0004	Air Handling Unit, RM 160/Rm E03 - Disconnect in room E3
	4353-AH0005	Air Handling Unit, Rm 127 - Disconnect on unit
4436	4436-AH0001	Air Handling Unit, Rm 116/Rm E02 - Disconnect room E2
	4436-AH0002	Air Handling Unit, Fan Coil Unit, Rm 115 -
4464	4464-AH0001	Air Handling Unit, Rm 200/Rm E2 - Disconnect room E2
	4464-AH0002	Air Handling Unit, Rm 200/Rm E2 - Disconnect room E2
	4464-AH0003	Air Handling Unit, Rm 150 - Disconnect room 150
4471	4471-AH0001	Air Handling Unit, Rm 184 - Disconnect on unit
	4471-AH0002	Air Handling Unit, Over Model Shop, Rm 196 - Disconnect on unit
	4471-AH0003	Air Handling Unit, Over Model Shop, Rm 196 - Disconnect on unit
	4471-AH0005	Air Handling Unit, Rm 182 - Disconnect on unit
	4471-AH0006	Air Handling Unit, Rm 187C/Rm E10 - Disconnect in room E10
	4471-AH0007	Air Handling Unit, Rm 162A Substore Area - Disconnect on unit
	4471-AH0008	Air Handling Unit, Rm C105B/Rm E05 - Disconnect in room E5
	4471-AH0009	Air Handling Unit, Rm A109G/Rm E06 - Disconnect in room E6
	4471-AH0010	Air Handling Unit, Rm 176/Rm E01 - Disconnect room E1
	4471-AH0011	Air Handling Unit, Rm 179B/Rm E02 - Disconnect room E2
	4471-AH0012	Air Handling Unit, Rm 195A/Rm E08 - Disconnect in room E8
	4471-AH0014	Air Handling Unit, Rm 188A/Rm E03 - Disconnect in room E3
	4471-AH0015	Air Handling Unit, Attic - Disconnect on unit
	4471-AH0016	Air Handling Unit, Attic - Disconnect on unit
	4471-AH0017	Air Handling Unit, Attic - Disconnect on unit
	4471-AH0018	Air Handling Unit, Attic - Disconnect on unit
4473	4473-AH0001	Air Handling Unit, Above Rm 1001 - Disconnect on unit
	4473-AH0002	Air Handling Unit, Above Rm 1004 - Disconnect on unit
4475	4475-AH0001	Air Handling Unit, Rm. 106 Overhead - Disconnect on unit
	4475-AH0002	Air Handling Unit, Rm. 143 - Disconnect on unit
	4475-AH0004	Air Handling Unit, Rm. 113 - Disconnect on unit
	4475-AH0005	Air Handling Unit, Rm. 124 - Disconnect on unit
	4475-AH0006	Air Handling Unit, Rm. 123 - Disconnect on unit
	4475-AH0007	Air Handling Unit, Rm. 122 - Disconnect on unit
	4475-AH0008	Air Handling Unit, Rm. 129 - Disconnect on unit
	4475-AH0009	Air Handling Unit, Rm. 130 - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4475-AH0010	Air Handling Unit, Rm. 131 - Disconnect on unit
	4475-AH0011	Air Handling Unit, Rm. 144 - Disconnect on unit
	4475-AH0012	Air Handling Unit, Rm. 144 - Disconnect on unit
4476	4476-AH0001	Air Handling Unit, Rm 105 - Disconnect on unit
	4476-AH0002	Air Handling Unit, Rm 105 - Disconnect on unit
	4476-AH0003	Air Handling Unit, Rm 117A, Outside - Disconnect on unit
	4476-AH0004	Air Handling Unit, Rm 204A - Disconnect on unit
	4476-AH0008	Air Handling Unit, Rm 126/Rm E02, Outside - Disconnect on unit
	4476-AH0009	Air Handling Unit, Rm 110B, 1st Floor - Disconnect on unit
	4476-AH0011	Air Handling Unit, Center, 2nd Floor - Disconnect on unit
4477	4477-AH0001	Air Handling Unit, Rm 104/E1
4481	4481-AH0001	Air Handling Unit, Rm 125/Rm E01 - Disconnect room E1
	4481-AH0002	Air Handling Unit, Rm 262/Rm E06 - Disconnect in room E6
	4481-AH0003	Air Handling Unit, Rm 262/Rm E06 - Disconnect in room E6
	4481-AH0004	Air Handling Unit, Rm 229/Rm E05 - Disconnect in room E5
	4481-AH0005	Air Handling Unit, Rm 229/Rm E05 - Disconnect in room E5
	4481-AH0006	Air Handling Unit, Outside Rm 302A, Overhead - Disconnect on unit
	4481-AH0007	Air Handling Unit, Rm 368E/Rm E08 - Disconnect in room E8
	4481-AH0008	Air Handling Unit, Rm 301A/Rm E02 - Disconnect room E2
	4481-AH0009	Air Handling Unit, Rm 301A/Rm E02 - Disconnect room E2
	4481-AH0010	Air Handling Unit, Rm 318K/Rm E07 - Disconnect in room E7
	4481-AH0011	Air Handling Unit, Rm 318K/Rm E07 - Disconnect in room E7
	4481-AH0012	Air Handling Unit, Room 367
	4481-AH0013	Air Handling Unit, Rm 399/Rm E10 - Disconnect in room E10
	4481-AH0014	Air Handling Unit, Rm 407, Overhead - Disconnect on unit
	4481-AH0015	Air Handling Unit, Rm 501, Overhead - Disconnect on unit
	4481-AH0016	Air Handling Unit, Rm 518/Rm E09 - Disconnect in room E9
	4481-AH0017	Air Handling Unit, Rm 518/Rm E09 - Disconnect in room E9
	4481-AH0018	Air Handling Unit, Rm 408, Overhead - Disconnect on unit
	4481-AH0019	Air Handling Unit, Rm 303B, Inside Rm 303 - Disconnect on unit
	4481-AH0020	Air Handling Unit, Rm 301, - Disconnect on unit
4485	4485-AH0001	Air Handling Unit, Rm 103/Rm E04 - Disconnect in room E4
	4485-AH0002	Air Handling Unit, Rm 124 E-2 - Disconnect in room E2
	4485-AH001A	Air Handling Unit, Rm 126/Rm E03 - Disconnect in room E3
	4485-AH002A	Air Handling Unit, Rm 126/Rm E03 - Disconnect in room E7
4487	4487A-AH0001	Air Handling Unit, Rm A102/ Rm E1 - Disconnect room E1
	4487A-AH0002	Air Handling Unit, Rm A112N/Rm E2 - Disconnect room E2
	4487A-AH0003	Air Handling Unit, Rm A118
	4487A-AH0004	Air Handling Unit, Rm A127/ Rm E4 - Disconnect in room E4
	4487A-AH0005	Air Handling Unit, Rm A167/Rm E5 - Disconnect in room E5
	4487A-AH0006	Air Handling Unit, Rm A003/Rm E09C - Disconnect in room E9
	4487A-AH0007	Air Handling Unit, Rm A156 - Disconnect on unit
	4487A-AH0008	Air Handling Unit, Rm A156 - Disconnect on unit
	4487A-AH0010	Air Handling Unit, Rm A219 Overhead - Disconnect on unit
	4487A-AH0011	Air Handling Unit, Rm A148 - Disconnect on unit
	4487A-AH0012	Air Handling Unit, Rm A148 - Disconnect on unit
	4487A-AH0013	Air Handling Unit, Rm A148 - Disconnect on unit
	4487A-AH0015	Air Handling Unit, Rm A183A - Disconnect on unit
	4487A-AH0019A	Air Handling Unit, Rm A193/Rm E08 - Disconnect on unit
	4487A-AH0019B	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
	4487A-AH0019C	Air Handling Unit, Rm A183F/Rm E7 - Disconnect in room E7
	4487A-AH0022	Air Handling Unit, Rm A236/E25 - Disconnect on unit

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4487A-AH0027	Air Handling Unit, Rm E26, A245 - Disconnect in room E26
	4487A-AH0029	Air Handling Unit, Rm A270 - Disconnect on unit
	4487A-AH0031	Air Handling Unit, Rm A266A - Disconnect on unit
	4487A-AH019A	Air Handling Unit, E-08 A-Wing N. Side, E. End
	4487A-AH019B	Air Handling Unit, E-07 A-Wing East End Outside
	4487A-AH019C	Air Handling Unit, E-07 A-Wing East End Outside
	4487AB-AH0001	Air Handling Unit, Rm AB140D/Rm E11 - Disconnect in room E11
	4487AB-AH0002	Air Handling Unit, Outside, Btwn A&B Wings - Disconnect on unit
	4487AB-AH0020	Air Handling Unit, Rm AB209/E29 - Disconnect in room E29
	4487AB-AH0021	Air Handling Unit, RM AB209/E29 - Disconnect in room E29
	4487AB-AH0022	Air Handling Unit, Rm AB223/E30 - Disconnect in room E30
	4487B-AH0001	Air Handling Unit, Rm B103/Rm E13 - Disconnect in room E13
	4487B-AH0002	Air Handling Unit, Rm B103/ Rm E13 - Disconnect in room E13
	4487B-AH0003	Air Handling Unit,Rm B114B/ Rm E14 - Disconnect in room E14 B-Wing
	4487B-AH0004	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
	4487B-AH0005	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
	4487B-AH0006	Air Handling Unit, Rm W103A/Rm E46 - Disconnect in room E46
	4487B-AH0007	Air Handling Unit, Rm Rm B126F/Rm E15 - Disconnect in room E15
	4487B-AH0008	Air Handling Unit, Rm B155C/ Rm E16 - Disconnect in room E16
	4487B-AH0009	Air Handling Unit, Rm B187A/Rm E36 - Disconnect in room E36
	4487B-AH0010	Air Handling Unit, Overhead, Rm B302, 3rd Floor, B Wing - Disconnect on unit
	4487B-AH0014	Air Handling Unit, Rm B101E - Disconnect on unit
	4487B-AH0015	Air Handling Unit, Rm B101E - Disconnect on unit
	4487B-AH0016	Air Handling Unit, Rm B100 In Closet - Disconnect on unit
	4487B-AH0020	Air Handling Unit, Rm E32 - Disconnect in room E32
	4487B-AH0021	Air Handling Unit, Rm B257A/E33 - Disconnect in room E33
	4487B-AH020A	Air Handling Unit, Rm B211/E31 - Disconnect in room E31
	4487BC-AH0001	Air Handling Unit,Rm BC157/Rm E19,BC Wing - Disconnect in room E19 BC wing
	4487BC-AH0002	Air Handling Unit, Rm BC101 - Disconnect on unit
	4487BC-AH0003	Air Handling Unit, Rm BC101 - Disconnect on unit
	4487BC-AH0004	Air Handling Unit, Rm BC143D - Disconnect on unit
	4487BC-AH0007	Air Handling Unit, Rm BC109/E45 - Disconnect in room E45
	4487C-AH0001	Air Handling Unit, Rm C110/Rm E20, W End - Disconnect in room E20
	4487C-AH0002	Air Handling Unit , Rm C113/E44, W End - Disconnect in room E44 W end
	4487C-AH0003	Air Handling Unit, Rm C157/E54 - Disconnect in room E54
	4487C-AH0004	Air Handling Unit, Rm C157/E54 - Disconnect in room E54
	4487C-AH0005	Air Handling Unit, Rm C178E/Rm E37, NE End Outside - Disconnect in room E37 NE side
	4487C-AH0020	Air Handling Unit, Rm C213 Rm E60, 2nd Floor - Disconnect in room E60
	4487C-AH0021	Air Handling Unit, Rm C213/Rm E60, 2nd Floor - Disconnect in room E60
	4487C-AH0022	Air Handling Unit, Rm C246/E35 - Disconnect in room E35
4491	4491-AH0001	Air Handling Unit, Rm 136 - Disconnect on unit
	4491-AH0003	Air Handling Unit, Rm 109/Rm E04 - Disconnect in room E4
	4491-AH0004	Air Handling Unit, Rm 109/Rm E04 - Disconnect in room E4
4493	4493-AH0001	Air Handling Unit, Rm 109/Rm E1 South Side Outside - Disconnect room E1
	4493-AH0002	Air Handling Unit, Rm 109/Rm E1 S Side O\S - Disconnect room E1
	4493-AH0003	Air Handling Unit, Rm 147/Rm E6 - Disconnect in room E6
	4493-AH0005	Air Handling Unit, Rm 147/Rm E6 - Disconnect in room E6
	4493-AH0006	Air Handling Unit, Rm 155/Rm E4 - Disconnect in room E4
	4493-AH0007	Air Handling Unit, Rm 155/Rm E4 - Disconnect in room E4
	4493-AH0008	Air Handling Unit, Rm 160B - Disconnect on unit
	4493-AH0009	Air Handlig Unit, Above Rm 260B - Disconnect on unit
4494	4494-AH0001	Air Handling Unit, Rm 130 - Disconnect on unit

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
4522	4522-AH0001	Air Handling Unit, Basement, Rm T101 - Disconnect on unit
4524	4524-AH0001	Air Handling Unit, Rm 102/Rm E01 - Disconnect room E1
4530	4530-AH0001	Air Handling Unit, Basement - Disconnect on unit
4531	4531-AH0001	Air Handling Unit, Rm 103/Rm E01 - Disconnect room E1
4553	4553-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
4561	4561-AH0001	Air Handling Unit, Rm 120 - Disconnect on unit
	4561-AH0002	Air Handling Unit, Rm 126A/Rm E02 - Disconnect room E2
	4561-AH0003	Air Handling Unit, Rm 120 - Disconnect on unit
	4561-AH0004	Air Handling Unit, Rm 104/Rm E1 - Disconnect room E1
4564	4564-AH0001	Air Handling Unit, East Side - Disconnect on unit
	4564-AH0002	Air Handling Unit, East Side - Disconnect on unit
	4564-AH0003	Air Handling Unit, East Side - Disconnect on unit
	4564-AH0004	Air Handling Unit, East Side - Disconnect on unit
	4564-AH0005	Air Handling Unit, East Side - Disconnect on unit
	4564-AH0006	Air Handling Unit, East Side - Disconnect on unit
4566	4566-AH0005	Air Handling Unit, Rm 137 - Disconnect on unit
	4566-AH0006	Air Handling Unit, Rm 171/E03 - Disconnect on unit
	4566-AH0007	Air Handling Unit, Rm 145 - Disconnect on unit
	4566-AH0008	Air Handling Unit, Rm 147 - Disconnect on unit
4570	4570-AH0001	Air Handling Unit, Rm B55/Rm E01 - Disconnect room E1
	4570-AH0002	Air Handling Unit, Rm B10 - Disconnect on unit
	4570-AH0003	Air Handling Unit, Hallway Outside Rm B10 - Disconnect on unit
	4570-AH0004	Air Handling Unit, NE Corner, Attic - Disconnect on unit
4583	4583-AH0001	Air Handling Unit, NW Corner - Disconnect on unit
	4583-AH0003	Air Handling Unit, Rm 183/Rm E01 - Disconnect room E1
	4583-AH0004	Air Handling Unit, Rm 154/Rm 154 - Disconnect on unit
	4583-AH0005	Air Handling Unit, Rm 183/Rm E01 - Disconnect room E1
	4583-AH0006	Air Handling Unit, Rm 281 - Disconnect on unit
	4583-AH0008	Air Handling Unit, Test Cell 110 - Disconnect on unit
4600	4600-AH0001	Air Handling Unit, Rm 6001 -
	4600-AH0002	Air Handling Unit, Rm 6001 -
	4600-AH0003	Air Handling Unit, Rm 6003 -
	4600-AH0004	Air Handling Unit, Rm 6003 -
	4600-AH0005	Air Handling Unit, Fan Coil Unit, Rm 1009C -
4605	4605-AH0001	Air Handling Unit, Rm 31 - Disconnect on unit
	4605-AH0002	Air Handling Unit, Rm 32 - Disconnect on unit
4610	4610-AH0001	Air Handling Unit, Kitchen, Rm C104 - Disconnect on unit
	4610-AH0002	Air Handling Unit, Over Ovens, Kitchen, Rm C104 - Disconnect on unit
	4610-AH0003	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
	4610-AH0004	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
	4610-AH0005	Air Handling Unit, Rm E11 - Disconnect in room E11 - Disconnect in room E11
	4610-AH0007	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
	4610-AH0008	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
	4610-AH0009	Air Handling Unit, Rm 1009/Rm E03 - Disconnect in room E3
	4610-AH0010	Air Handling Unit, Rm 1031 - Disconnect on unit
	4610-AH0011	Air Handling Unit, Rm 1031 - Disconnect on unit
	4610-AH0012	Air Handling Unit, Rm 2047, Overhead
	4610-AH0013	Air Handling Unit, Rm 2047, Overhead
	4610-AH0020	Air Handling Unit, Rm Rm 2009/Rm E5 - Disconnect in room E5
	4610-AH0021	Air Handling Unit, Rm Rm 2009/Rm E5 - Disconnect in room E5
	4610-AH0022	Air Handling Unit, Rm 2037/Rm E6 - Disconnect in room E6
	4610-AH0023	Air Handling Unit, Stair Landing, 2nd Floor - Disconnect on unit

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4610-AH0024	Air Handling Unit, West Stairs, 2nd Floor - Disconnect on unit
	4610-AH0025	Air Handling Unit, Rm 2037/Rm E6 - Disconnect in room E6
	4610-AH0026	Air Handling Unit, Rm 2084 - Disconnect on unit
	4610-AH0030	Air Handling Unit, Rm 3017 - Disconnect on unit
	4610-AH0031	Air Handling Unit, Rm 3076A - Disconnect on unit
	4610-AH0040	Air Handling Unit, Rm 3015/Rm E08 - Disconnect in room E8
	4610-AH0041	Air Handling Unit, Rm 3015/Rm E08 - Disconnect in room E8
	4610-AH0042	Air Handling Unit, Rm 3035 - Disconnect on unit
	4610-AH0043	Air Handling Unit, Rm 3035 - Disconnect on unit
	4610-AH0044	Air Handling Unit, Rm 3035 - Disconnect on unit
	4610-AH00B1	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
	4610-AH00B2	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
	4610-AH00B3	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
4612	4612A-AH0001	Air Handling Unit, Rm 1027 Over Door - Disconnect on unit
	4612A-AH0002	Air Handling Unit, Rm E08 - Disconnect in room E8
	4612A-AH0003	Air Handling Unit, Rm 1511/Rm E06 - Disconnect in room E6
	4612A-AH0004	Air Handling Unit, Rm 1039/Rm E16 - Disconnect in room E13
	4612A-AH0005	Air Handling Unit, Rm 29/Rm E13 - Disconnect in room E13
	4612A-AH0006	Air Handling Unit, Rm 29/Rm E13 - Disconnect in room E13
	4612A-AH0007	Air Handling Unit, Rm 23/Rm E05 - Disconnect in room E5
	4612A-AH0008	Air Handling Unit, Rm E09, Rm 104A - Disconnect in room E9 Rm 104
	4612A-AH0009	Air Handling Unit, Rm E11, Overhead - Disconnect in room E11
	4612A-AH0010	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
	4612A-AH0011	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
	4612A-AH0012	Air Handling Unit, Rm 4 Overhead - Disconnect on unit
	4612B-AH0001	Air Handling Unit, Rm 1300/Rm E02 - Disconnect room E2
	4612B-AH0002	Air Handling Unit, Rm 1400/Rm E4 - Disconnect in room E4
	4612B-AH0003	Air Handling Unit, Rm 1301A Overhead - Disconnect on unit
	4612B-AH0004	Air Handling Unit, Rm 1301B Overhead - Disconnect on unit
	4612B-AH0005	Air Handling Unit, Rm 1314 - Disconnect on unit
	4612B-AH0006	Air Handling Unit, Rm 1305A Dark Room Entrance - Disconnect on unit
	4612B-AH0007	Air Handling Unit, Outside Rm 1311 Overhead (Hall) - Disconnect on unit
	4612B-AH0020	Air Handling Unit, Rm 2400 - Disconnect in room E7
	4612C-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
	4612D-AH0001	Air Handling Unit, Rm E03 - Disconnect in room E3
	4612D-AH0003	Air Handling Unit, Rm 1000 on Platform - Disconnect on unit
4618	4618-AH0001	Air Handling Unit, Rm 201/Rm E02 - Disconnect room E2
	4618-AH0002	Air Handling Unit, Rm 201A - Disconnect on unit
4619	4619-AH0004	Air Handling Unit, Rm 164B Overhead - Disconnect on unit
	4619-AH0005	Air Handling Unit, Room 148A Overhead
	4619-AH0006	Air Handling Unit, Rm 152 - Disconnect on unit
	4619-AH0007	Air Handling Unit, Rm 147A Overhead - Disconnect on unit
	4619-AH0009	Air Handling Unit, Rm 151 Overhead - Disconnect on unit
	4619-AH0010	Air Handling Unit, Rm 164 Overhead - Disconnect on unit
	4619-AH0023	Air Handling Unit, Rm 225/Rm E05 - Disconnect in room E05
	4619-AH0024	Air Handling Unit, Rm 222/Rm E06 - Disconnect in room E6
	4619-AH0030	Air Handling Unit, Rm 170, Overhead
	4619-AH0031	Air Handling Unit, Rm 228/ Rm E08
	4619-AH0032	Air Handling Unit, Rm 228/ Rm E08
	4619-AH0033	Air Handling Unit, Rm 228/ Rm E08
	4619-AH0034	Air Handling Unit, Rm 226/Rm E09
	4619-AH0035	Air Handling Unit, Rm 226/Rm E09

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4619-AH0036	Air Handling Unit, Rm 226/Rm E09
	4619-AH0037	Air Handling Unit, Rm 226/Rm E09
	4619-AH0038	Air Handling Unit, Rm 170B
	4619-AH0039	Air Handling Unit, Rm 157
	4619-AH0040	Air Handling Unit, Rm 153A, Overhead
	4619-AH0041	Fan Coil Unit, Rm 300, Center High Bay Mezzanine, West
	4619-AH0042	Fan Coil Unit, Rm 300, Center High Bay Mezzanine, East
	4619-AH005A	Air Handling Unit, High Bay, West End, Rm 155 - Disconnect on unit
	4619-AH005B	Air Handling Unit, High Bay, West End, Rm 155 - Disconnect on unit
	4619-AH006A	Air Handling Unit, Rm 154 Overhead - Disconnect on unit
	4619-AH00B1	Air Handling Unit, Rm B100/Rm E02 - Disconnect room E2
	4619-AH00B2	Air Handling Unit, Rm B139A/Rm E03 - Disconnect in room E3
	4619-AH00B3	Air Handling Unit, Rm B136/Rm E01 - Disconnect room E1
4621	4621-AH0001	Air Handling Unit, East Inside - Disconnect on unit
4622	4622-AH0001	Air Handling Unit, E-01 North Side Outside
4623	4623-AH0001	Air Handling Unit, Rm 107 - Disconnect on unit
	4623-AH0002	Air Handling Unit, Rm 107 - Disconnect on unit
	4623-AH0003	Air Handling Unit, Rm 126E/Rm E02 - Disconnect room E2
	4623-AH0004	Air Handling Unit, Rm 125 - Disconnect on unit
	4623-AH0005	Air Handling Unit, Rm 123 - Disconnect on unit
	4623-AH0006	Air Handling Unit, Rm 134 - Disconnect on unit
	4623-AH0007	Air Handling Unit, Rm 132 Overhead - Disconnect on unit
	4623-AH0008	Air Handling Unit, Rm 126 Over Rm 126C - Disconnect on unit
	4623-AH0009	Air Handling Unit, Rm 126, Over Rm 126B - Disconnect on unit
	4623-AH0010	Air Handling Unit, Rm 126 Over Rm 126A - Disconnect on unit
	4623-AH0011	Air Handling Unit, Rm 126 Over Rm 126D - Disconnect on unit
	4623-AH0012	Air Handling Unit, Rm 108
	4623-AH0013	Air Handling Unit, Rm 110
	4623-AH0014	Air Handling Unit, Rm 112
	4623-AH0015	Air Handling Unit, Rm 114
4628	4628-AH0001	Air Handling Unit, Rm 132/Rm E01 - Disconnect room E1
	4628-AH0002	Air Handling Unit, Rm 134/Rm E02 - Disconnect room E2
4629	4629-AH0001	Air Handling Unit, Rm 104/Rm E01 - Disconnect room E1
4631	4631-AH0001	Air Handling Unit, Rm C201
	4631-AH0002	Air Handling Unit, Rm C201
	4631-AH0003	Air Handling Unit, Rm C201
	4631-AH0004	Air Handling Unit, Rm A107, Overhead
	4631-AH0005	Air Handling Unit, Rm A109, Overhead
4646	4646-AH0001	Air Handling Unit, Rm 110/Rm E01 - Disconnect room E1
4649	4649-AH0001	Air Handling Unit, Rm 109
	4649-AH0002	Air Handling Unit, Rm 109
4650	4650-AH0001	Air Handling Unit, Rm 117/Rm E01 - Disconnect room E1
	4650-AH0002	Air Handling Unit, Rm 117/Rm E01 - Disconnect room E1
	4650-AH0003	Air Handling Unit, Outside Rm 104 - Disconnect on unit
	4650-AH0004	Air Handling Unit, Balcony, 2nd Floor - Disconnect on unit
	4650-AH0005	Air Handling Unit, Rm 19N/Rm E03 - Disconnect in room E3
	4650-AH0006	Air Handling Unit, Rm 18 - Paint Shop - Disconnect on unit
	4650-AH0007	Air Handling Unit, Rm 14 Overhead - Disconnect on unit
	4650-AH004A	Air Handling Unit, 2nd Floor East End - Disconnect on unit
4653	4653-AH0001	Air Handling Unit, Rm 25/Rm E01 - Disconnect room E1
	4653-AH0002	Air Handling Unit, Rm 8/Rm E02 - Disconnect room E2
	4653-AH0003	Air Handling Unit, Rm 8/Rm E02 - Disconnect room E2

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4653-AH003A	Air Handling Unit, Rm 27 Overhead - Disconnect on unit
4656	4656-AH0001	Air Handling Unit, Rm 118/Rm E02 - Disconnect room E2
4663	4663A-AH0001	Air Handling Unit, Rm A106/Rm E06 - Disconnect in room E6
	4663A-AH0002	Air Handling Unit, Rm A204 - Disconnect on unit
	4663A-AH0004	Air Handling Unit, Rm A184 - Disconnect on unit
	4663A-AH0005	Air Handling Unit, Rm A124 Overhead - Disconnect on unit
	4663A-AH0006	Air Handling Unit, Rm A15/E7 - Disconnect in room E7
	4663A-AH0007	Air Handling Unit, Rm A162, E5 - Disconnect in room E5
	4663A-AH0012	Air Handling Unit, Rm A301 - Disconnect on unit
	4663A-AH002A	Air Handling Unit, Roof, M-Wing - Disconnect on unit
	4663A-AH00B3	Air Handling Unit, E-07 A-Wing Basement West End
	4663A-AH021A	Air Handling Unit, RM A301 - Disconnect on unit
	4663A-AH021B	Air Handling Unit, Rm A301 - Disconnect on unit
	4663A-AH022A	Air Handling Unit, Rm A301 - Disconnect on unit
	4663A-AH022B	Air Handling Unit, Rm A301 - Disconnect on unit
	4663A-AH023A	Air Handling Unit, Rm A200A/Rm E10 - Disconnect in room E10
	4663A-AH023B	Air Handling Unit, Rm A200A/Rm E10 - Disconnect in room E10
	4663A-AH0B3B	Air Handling Unit, Rm A15/E7 - Disconnect in room E7
	4663AB-AH0001	Air Handling Unit, West AB Wing Crossover - Disconnect on unit
	4663B-AH0001	Air Handling Unit, Rm B170A/Rm E20 - Disconnect in room E20
	4663B-AH0004	Air Handling Unit, Over Rm B10 A, Inside Rm B10 - Disconnect room E1
	4663B-AH0007	Air Handling Unit, Rm B102 - Disconnect on unit
	4663B-AH0008	Air Handling Unit, Entrance B Wing East Side - Disconnect on unit
	4663B-AH0010	Air Handling Unit, Rm B201 Overhead - Disconnect on unit
	4663B-AH0011	Air Handling Unit, Rm B202 Overhead - Disconnect on unit
	4663B-AH0012	Air Handling Unit, Rm B203 - Disconnect on unit
	4663B-AH0013	Air Handling Unit, B211 - Disconnect on unit
	4663B-AH0014	Air Handling Unit, Rm B211 - Disconnect on unit
	4663B-AH00B1	Air Handling Unit, Rm B001/Rm E02 - Disconnect room E2
	4663B-AH00B3	Air Handling Unit, Rm A015, E7
	4663C-AH0001	Air Handling Unit, Rm C175/Rm E16 - Disconnect in room E16
	4663C-AH0003	Air Handling Unit, Rm C106/Rm E17 - Disconnect on unit
	4663C-AH0004	Air Handling Unit, Rm C206/Rm E13 - Disconnect in room E13
	4663C-AH0006	Air Handling Unit, Rm C212, Overhead - Disconnect on unit
	4663C-AH0007	Air Handling Unit, Rm C212- Overhead - Disconnect on unit
	4663C-AH0008	Air Handling Unit, Rm C301A/Rm E19 - Disconnect in room E19
	4663C-AH0020	Air Handling Unit, Rm C262/Rm E14 - Disconnect in room E14
	4663D-AH0001	Air Handling Unit, Rm D100A/Rm E18 - Disconnect in room E18
	4663D-AH0002	Air Handling Unit, Rm D200 - Disconnect on unit
	4663M-AH0001	Air Handling Unit, Rm M104B - Disconnect on unit
	4663M-AH0002	Air Handling Unit, M-Wing, Outside Rm M213, Overhead - Disconnect on unit
	4663M-AH0003	Air Handling Unit, M-Wing Overhead North, Rm 200 - Disconnect on unit
	4663M-AH0015	Air Handling Unit, B Wing, Rm B200A/Rm E38 - Disconnect in room E38
4666	4666-AH0001	Air Handling Unit, Rm 365B/Rm E03 - Disconnect in room E3
	4666-AH0002	Air Handling Unit, Rm 263 - Disconnect on unit
	4666-AH0003	Air Handling Unit, Rm 263/Rm E02 - Disconnect room E2
	4666-AH0004	Air Handling Unit, Rm 284 - Disconnect on unit
	4666-AH0005	Air Handling Unit, Rm 108/Rm E04 - Disconnect in room E4
4667	4667-AH0001	Air Handling Unit, Control Rm 100, Overhead - Disconnect on unit
4670	4670-AH0001	Air Handling Unit, SE Leg, Basement, Rm B103 - Disconnect on unit
	4670-AH0002	Air Handling Unit, NE Leg, Basement, Rm B102 - Disconnect on unit
	4670-AH0003	Air Handling Unit, Rm 100, NE Leg 1st Level - Disconnect on unit

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AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4670-AH0005	Air Handling Unit, 12th Level, SE Leg - Disconnect on unit
4674	4674-AH0001	Air Handling Unit, Rm 103 - Disconnect on unit
	4674-AH0002	Air Handling Unit, Rm 103 - Disconnect on unit
	4674-AH0003	Air Handling Unit, Rm 103 - Disconnect on unit
	4674-AH0007	Air Handling Unit, Rm 125 - Disconnect on unit
4696	4696-AH0002	Air Handling Unit, Rm 1 - Disconnect on unit
	4696-AH0003	Air Handling Unit, Rm 1 - Disconnect on unit
4702	4702-AH0001	Air Handling Unit, Rm 113/Rm E01 - Disconnect room E1
4705	4705-AH0001	Air Handling Unit, Rm 121/Rm E11, W. Outside - Disconnect in room E11 West
	4705-AH0002	Air Handling Unit, South High Bay, West Side, Rm 124 - Disconnect on unit
	4705-AH0003	Air Handling Unit, Rm A107A/Rm E02, East outside - Disconnect room E2
	4705-AH0004	NBS Area, SW Corner, Inside Entrance
	4705-AH0005	Air Handling Unit, Rm C101, South Wall, East End - Disconnect on unit
	4705-AH0006	Air Handling Unit, Rm C101, South Wall East End - Disconnect on unit
	4705-AH0007	Air Handling Unit, Rm C101, South Wall Center - Disconnect on unit
	4705-AH0008	Air Handling Unit, Rm C101, South Wall Center - Disconnect on unit
	4705-AH0009	Air Handling Unit, Rm C113/Rm E14 NE Inside - Disconnect in room E14
	4705-AH0010	Air Handling Unit, Rm C101, East End - Disconnect on unit
	4705-AH0011	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
	4705-AH0012	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
	4705-AH0013	Air Handling Unit, Rm C101, North Side West End - Disconnect on unit
	4705-AH0014	Air Handling Unit, Rm C101, North Side Center - Disconnect on unit
	4705-AH0015	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
	4705-AH0016	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
	4705-AH0017	Air Handling Unit, Rm C101 West Side East End - Disconnect on unit
	4705-AH0018	Air Handling Unit, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
	4705-AH0019	Air Handling Unit, Test Cell Balcony Over Rm C105B - Disconnect on unit
	4705-AH001A	Air Handling Unit, High Bay, South End, Rm 124 - Disconnect on unit
	4705-AH0020	Air Handling Unit, West Balcony Attic Over Rm B201 - Disconnect on unit
	4705-AH0022	Air Handling Unit, West Balcony Attic Over Rm B203 - Disconnect on unit
	4705-AH0023	Air Handling Unit, West Balcony Attic Over Rm B204 - Disconnect on unit
	4705-AH0024	Air Handling Unit, Balcony, 2nd Floor, Bldg 4705 - Disconnect on unit
	4705-AH0025	Air Handling Unit, Rm A200 - Disconnect on unit
	4705-AH0026	Air Handling Unit, East Hallway, 2nd Floor - Disconnect on unit
	4705-AH0027	Air Handling Unit, 1st Floor, East Entrance - Disconnect on unit
	4705-AH0028	Air Handling Unit, Rm M100A/E04, SE Corner Outside - Disconnect in room E4
	4705-AH0029	Air Handling Unit, Rm 124, Outside Rm B120B - Disconnect on unit
	4705-AH0030	Air Handling Unit, Rm 121/Rm E11, West Outside - Disconnect in room E11 West
	4705-AH0032	Rm 302 Overhead, 3rd Floor NBS Area
	4705-AH0033	Air Handling Unit, Rm 304 Above Ceiling NBS Area - Disconnect on unit
	4705-AH0034	Air Handling Unit, Rm 401 NBS Area - Disconnect on unit
	4705-AH0035	Air Handling Unit, NBS Area SW Corner - Disconnect on unit
	4705-AH0036	Air Handling Unit, North End of East Bay - Disconnect on unit
	4705-AH0037	Air Handling Unit, East Bay Over Tool Crib - Disconnect on unit
	4705-AH0038	Air Handling Unit, Rm B117 West End, 1st Floor - Disconnect on unit
	4705-AH0039	Air Handling Unit, Rm C108, Tool Crib
	4705-AH0041	Air Handling Unit, Rm 201 Overhead, NBS Area - Disconnect on unit
	4705-AH0042	Air Handling Unit, Mens Rm, Rm 303 - Disconnect on unit
	4705-AH0043	Air Handling Unit, Ladies Rm, Rm 302 - Disconnect on unit
	4705-AH0044	Air Handling Unit, Control Rm, Rm 401 - Disconnect on unit
	4705-AH0045	Air Handling Unit, Rm 200 Ovrhd, 2nd Floor, NBS Area, Rm 200 - Disconnect on unit
	4705-AH0046	Air Handling Unit, West of Rm 300, NBS Area - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4705-AH0047	Air Handling Unit, Rm B202 - Disconnect on unit
	4705-AH0048	Air Handling Unit, Rm B202 - Disconnect on unit
	4705-AH0049	Air Handling Unit, Rm B202 - Disconnect on unit
	4705-AH004A	Air Handling Unit, Outside Rm 109, 1st Floor - Disconnect on unit
	4705-AH006A	Air Handling Unit, Rm C101 South Side West End - Disconnect on unit
	4705-AH007A	Air Handling Unit, Rm C101 South Side Center - Disconnect on unit
	4705-AH008A	Air Handling Unit, Rm C101 South Side Center - Disconnect on unit
	4705-AH010A	Air Handling Unit, Rm C101 East End - Disconnect on unit
	4705-AH012A	Air Handling Unit, Rm C101 North Side - Disconnect on unit
	4705-AH013A	Air Handling Unit, Rm C101 North Side Center - Disconnect on unit
	4705-AH015A	Air Handling Unit, Rm C107 Overhead, 1st Floor - Disconnect on unit
	4705-AH017A	Air Handling Unit, Rm C101 West End - Disconnect on unit
	4705-AH018A	Air Handling Unit, Rm E107/ Rm E10, NW Corner Outside - Disconnect in room E10 NW
	4705-AH019A	Air Handling Unit, Rm E15 Above Rm C205 - Disconnect in room E15
	4705-AH019B	Air Handling Unit, Rm E15 Above Rm C205 - Disconnect in room E15
	4705-AH020A	Air Handling Unit, Rm B201 Overhead, 2nd Floor - Disconnect on unit
4707	4707-AH0001	Air Handling Unit, High Bay Roof - Disconnect on unit
	4707-AH0002	Air Handling Unit, High Bay Roof - Disconnect on unit
	4707-AH0003	Air Handling Unit, High Bay Roof - Disconnect on unit
	4707-AH0004	Air Handling Unit, Rm 109A Overhead - Disconnect on unit
	4707-AH0005	Air Handling Unit, Rm 109A Overhead - Disconnect on unit
	4707-AH0006	Air Handling Unit, Rm 109B - Disconnect on unit
	4707-AH0007	Air Handling Unit, Overhead Rm 107 - Disconnect on unit
	4707-AH0008	Air Handling Unit, Mens Rm - Disconnect on unit
	4707-AH0009	Air Handling Unit, Rm 103 - Disconnect on unit
	4707-AH0010	Air Handling Unit, 2nd Level, Tower - Disconnect on unit
	4707-AH0011	Air Handling Unit, 4th Level, Tower - Disconnect on unit
	4707-AH0012	Air Handling Unit, Rm 138D/Rm E02 - Disconnect room E2
	4707-AH0013	Air Handling Unit, Rm 122/Rm E03 - Disconnect in room E3
	4707-AH0014	Air Handling Unit, Rm 123A/Rm E6 Overhead - Disconnect in room E6
	4707-AH0015	Air Handling Unit, Rm 142 - Disconnect on unit
	4707-AH0016	Air Handling Unit, Sofi Spray Roof - Disconnect on unit
	4707-AH0017	Air Handling Unit, Sofi Spray Roof - Disconnect on unit
	4707-AH0018	Air Handling Unit, Water Blast Roof - Disconnect on unit
	4707-AH0019	Air Handling Unit, Over High Bay Door Rm 109B - Disconnect on unit
	4707-AH0020	Air Handling Unit, Rm 131 Overhead - Disconnect on unit
	4707-AH0021	Air Handling Unit, Rm 131 - Disconnect on unit - Disconnect on unit
	4707-AH0022	Air Handling Unit, Sofi Spray Area - Disconnect on unit
	4707-AH0023	Air Handling Unit, Rm 157B Overhead - Disconnect on unit
	4707-AH0024	Air Handling Unit, High Bay, East End, Rm 119 - Disconnect on unit
	4707-AH0025	Air Handling Unit, Rm 157A Overhead - Disconnect on unit
	4707-AH0026	Air Handling Unit, High Bay, East End, Rm 119 - Disconnect on unit
	4707-AH0028	Air Handling Unit, Rm 114 - Disconnect on unit
	4707-AH0029	Air Handling Unit, Rm 114 Overhead - Disconnect on unit
	4707-AH0031	Air Handling Unit, Rm 129C/Rm E01 - Disconnect room E1
	4707-AH0032	Air Handling Unit, Rm Rm 123A/Rm E6 - Disconnect in room E6
	4707-AH0033	Air Handling Unit, Rm 122/Rm E03 - Disconnect in room E3
	4707-AH0035	Air Handling Unit, Rm 226A Overhead - Disconnect on unit
	4707-AH0036	Air Handling Unit, Rm 130 Overhead
	4707-AH0037	Air Handling Unit, Rm 100
	4707-AH0038	Air Handling Unit, Rm 106H/E-7
	4707-AH0047	Air Handling Unit, Rm B202 - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
4708	4708A-AH0001	Air Handling Unit, High Bay, W End S Side, Rm 180 - Disconnect on unit
	4708A-AH0004	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
	4708A-AH0005	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
	4708A-AH0006	Air Handling Unit, Rm 1280/Rm E20 - Disconnect in room E20
	4708A-AH0007	Air Handling Unit, Mezzanine - Disconnect on unit
	4708A-AH0008	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
	4708A-AH0011	Air Handling Unit, Rm 1114/Rm E14 - Disconnect on unit
	4708A-AH0012	Air Handling Unit, Rm 1108A/Rm E23 South side hall - Disconnect in room E23 S side
	4708A-AH0013	Air Handling Unit, Over Rm 1108 - Disconnect on unit
	4708A-AH0014	Air Handling Unit, Rm 1110B, Clean Room - Disconnect on unit
	4708A-AH0015	Air Handling Unit, Rm 1105B/Rm E10 - Disconnect in room E10
	4708A-AH0016	Air Handling Unit, Rm 1105B/Rm E10 - Disconnect in room E10
	4708A-AH0017	Air Handling Unit, Rm 1110D/Rm E08 - Disconnect in room E8
	4708A-AH0020	Air Handling Unit, Hall Near Rm 1264 Overhead - Disconnect on unit
	4708A-AH0021	Air Handling Unit, Hall Near Rm 1256 Overhead - Disconnect on unit
	4708A-AH0022	Air Handling Unit, Rm 1236 - Disconnect on unit
	4708A-AH0023	Air Handling Unit, Rm 1234 Overhead - Disconnect on unit
	4708A-AH0024	Air Handling Unit, Rm 1207A/Rm E18 - Disconnect in room E18
	4708A-AH0025	Air Handling Unit, Rm 1210 Overhead - Disconnect on unit
	4708A-AH0026	Air Handling Unit, Rm 1210 Overhead - Disconnect on unit
	4708A-AH0027	Air Handling Unit, Rm 1205/Rm E17 - Disconnect in room E17
	4708A-AH0028	Air Handling Unit, Rm 1205/Rm E17 - Disconnect in room E17
	4708A-AH0029	Air Handling Unit, Rm 1201/Rm E16 - Disconnect in room E16
	4708A-AH0030	Air Handling Unit, Deck Outside 1204B
	4708-AH00B2	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
	4708-AH00B3	Air Handling Unit, Rm B18D/Rm E06 - Disconnect in room E6
	4708-AH00B4	Air Handling Unit, Rm B1A/Rm E09 - Disconnect in room E7
	4708-AH00B5	Air Handling Unit, Rm B34 - Disconnect on unit
	4708-AH011A	Air Handling Unit, Rm 1114/Rm E14 - Disconnect on unit
	4708-AH029A	Air Handling Unit, Rm 1201/Rm E16 - Disconnect in room E16
	4708-AH0B11	Air Handling Unit, Rm B30C/Rm E03 - Disconnect in room E3
	4708-AH0B12	Air Handling Unit, Rm B38/Rm E02 - Disconnect room E2
	4708-AH0B13	Air Handling Unit, Rm B39/Rm E01 - Disconnect room E1
	4708-AH0B4A	Air Handling Unit, Rm B1C/Rm E07 - Disconnect in room E7
	4708-AH0B9A	Air Handling Unit, Rm B24G/Rm E22 - Disconnect in room E22
	4708B-AH0001	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
	4708B-AH0003	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
	4708B-AH0004	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
	4708B-AH0005	Air Handling Unit, High Bay, West End, Rm 180 - Disconnect on unit
	4708B-AH0006	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0007	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0009	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0010	Air Handling Unit, Rm 153 - Disconnect on unit
	4708B-AH0011	Air Handling Unit, Rm 153 - Disconnect on unit
	4708B-AH0012	Air Handling Unit, Rm 153 - Disconnect on unit
	4708B-AH0014	Air Handling Unit, Rm B34 - Disconnect on unit
	4708B-AH0015	Air Handling Unit, Rm B13 - Disconnect on unit
	4708B-AH0016	Air Handling Unit, Rm B13 - Disconnect on unit
	4708B-AH0018	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0019	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0020	Air Handling Unit, Mezzanine - Disconnect on unit
	4708B-AH0021	Air Handling Unit, Mezzanine - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4708B-AH0022	Air Handling Unit, Mezzanine - Disconnect on unit
	4708C-AH0001	Air Handling Unit, Rm 140, Dining Room - Disconnect on unit
	4708C-AH0002	Air Handling Unit, Rm 138D - Disconnect on unit
	4708C-AH0003	Air Handling Unit, Rm 135A Overhead - Disconnect on unit
	4708C-AH0004	Air Handling Unit, Rm 122 - Disconnect on unit
	4708C-AH0005	Air Handling Unit, Rm 122 Overhead - Disconnect on unit
	4708C-AH0006	Air Handling Unit, Rm 115 Overhead - Disconnect on unit
	4708C-AH0020	Air Handling Unit, Rm 241, Overhead - Disconnect on unit
	4708C-AH0021	Air Handling Unit, Rm 241 Overhead - Disconnect on unit
4711	4711-AH0001	Air Handling Unit, Rm E97 - Disconnect in room E97
	4711-AH0002	Air Handling Unit, Rm W122 - Disconnect in room E4
	4711-AH0003	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
	4711-AH0004	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
	4711-AH0005	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
	4711-AH0006	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
	4711-AH0007	Air Handling Unit, RM W140, N.West End, Overhead - Disconnect on unit
	4711-AH0008	Air Handling Unit, Rm E116 - Disconnect room E2
	4711-AH0009	Air Handling Unit, Above Rm E113A - Disconnect on unit
	4711-AH0010	Air Handling Unit, Rm E178/E01 - Disconnect in room E1
	4711-AH0011	Air Handling Unit, Mezzanine Over Rm W108A, Rm W208 - Disconnect on unit
	4711-AH0012	Air Handling Unit, South Center Shop - Disconnect on unit
	4711-AH0013	Air Handling Unit, Rm W140 N. Center - Disconnect on unit
	4711-AH0014	Air Handling Unit, SW Shop - Disconnect on unit
	4711-AH0015	Air Handling Unit, Above Rm W140B - Disconnect on unit
4718-1	4718-1-AH0006	Air Handling Unit, Rm 100 - Disconnect on unit
	4718-1-AH0007	Air Handling Unit, Rm 200 - Disconnect on unit
	4718-1-AH0013	Air Handling Unit, Rm 100 - Disconnect on unit
4718-2	4718-2-AH0002	Air Handling Unit, Rm 100/Rm E01 - Disconnect room E1
4718	4718-AH0001	Air Handling Unit, Rm 305, 3rd Floor - Disconnect on unit
	4718-AH0002	Air Handling Unit, Rm 100 - Disconnect on unit
	4718-AH0003	Air Handling Unit, Rm 100 - Disconnect on unit
	4718-AH0004	Air Handling Unit, Rm 100 - Disconnect on unit
	4718-AH0005	Air Handling Unit, Rm 206 - Disconnect on unit
	4718-AH0006	Air Handling Unit, Rm 115 - Disconnect on unit
	4718-AH0009	Air Handling Unit, Rm 214 - Disconnect on unit
	4718-AH0011	Air Handling Unit, Rm 105 Overhead - Disconnect on unit
	4718-AH0012	Air Handling Unit, Rm 105A, Overhead - Disconnect on unit
4723	4723-AH0001	Air Handling Unit, Rm 127/E3, N Unit - Disconnect Outside
	4723-AH0002	Air Handling Unit, Rm 127/E3, S Unit - Disconnect Outside
	4723-AH0003	Air Handling Unit, Rm 126/E2 - Disconnect Outside
	4723-AH0004	Air Handling Unit, Rm 125/E1 - Disconnect Outside
4727	4727-AH0001	Air Handling Unit, Rm 103/Rm E1 - Disconnect room E1
	4727-AH0002	Air Handling Unit, Rm 103/Rm E1 - Disconnect room E1
	4727-AH0003	Air Handling Unit, Rm 116/E-2 - Disconnect on unit
	4727-AH0004	Air Handling Unit, Rm 116/E-2 - Disconnect on unit
	4727-AH0005	Air Handling Unit, Room 114
4728	4728-AH0001	Air Handling Unit, Rm 113/Rm E01 West Side Outside - Disconnect in room E1 West sid
	4728-AH0004	Air Handling Unit, High Bay South End, Rm 110 - Disconnect on unit
	4728-AH0005	Air Handling Unit, High Bay, East Side, Rm 110 - Disconnect on unit
	4728-AH0006	Air Handling Unit, High Bay, West Side, Rm 110 - Disconnect on unit
4732	4732-AH0001	Air Handling Unit, Rm 136 - Disconnect on unit
	4732-AH0002	Air Handling Unit, Rm 132 - Disconnect on unit

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ATTACHMENT J-22
AIR HANDLERS

BUILDING	LOCATION	DESCRIPTION
	4732-AH0003	Air Handling Unit, Ceiling Over Rm 134 - Disconnect on unit
	4732-AH0004	Air Handling Unit, Rm 150 Overhead - Disconnect on unit
	4732-AH0005	Air Handling Unit, Rm 128 Overhead
	4732-AH0006	Air Handling Unit, Rm 126 - Disconnect on unit
	4732-AH0007	Air Handling Unit, Rm 200 - Disconnect on unit
	4732-AH0008	Air Handling Unit, Rm 226 - Disconnect on unit
4733	4733-AH0001	Air Handling Unit, Rm 102 Overhead - Disconnect on unit
4739	4739-AH0001	Air Handling Unit, Rm E01 - Disconnect room E1
	4739-AH0002	Air Handling Unit, Rm 101, Overhead - Disconnect on unit
	4739-AH0003	Air Handling Unit, Overhead
4747	4747-AH0001	Air Handling Unit, Rm 108 - Disconnect on unit
4754	4754-AH0001	Air Handling Unit, Over Rm 102 & 103 - Disconnect on unit
4755	4755-AH0001	Air Handling Unit, Column A, High Bay, Rm 117 - Disconnect on unit
	4755-AH0002	Air Handling Unit, Column B, High Bay, Rm 117 - Disconnect on unit
	4755-AH0003	Air Handling Unit, Column C, High Bay, Rm 117 - Disconnect on unit
	4755-AH0004	Air Handling Unit, Column D, High Bay, Rm 117 - Disconnect on unit
	4755-AH0005	Air Handling Unit, Column E, High Bay, Rm 117 - Disconnect on unit
	4755-AH0006	Air Handling Unit, Column F, High Bay, Rm 117 - Disconnect on unit
	4755-AH0007	Air Handling Unit, Column G, High Bay, Rm 117 - Disconnect on unit
	4755-AH0008	Air Handling Unit, Column A, High Bay, Rm 117 - Disconnect on unit
	4755-AH0009	Air Handling Unit, Column B, High Bay, Rm 117 - Disconnect on unit
	4755-AH0010	Air Handling Unit, Column C, High Bay, Rm 117 - Disconnect on unit
	4755-AH0011	Air Handling Unit, Column D, High Bay, Rm 117 - Disconnect on unit
	4755-AH0012	Air Handling Unit, Column E, High Bay, Rm 117 - Disconnect on unit
	4755-AH0013	Air Handling Unit, Column F, High Bay, Rm 117 - Disconnect on unit
	4755-AH0014	Air Handling Unit, NW Corner, Behind Lab - Disconnect on unit
	4755-AH0015	Air Handling Unit, Rm 100, Southeast between columns G & H - Disconnect on unit
	4755-AH0016	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
	4755-AH0017	Air Handling Unit, North High Bay, South Wall, Rm 100 - Disconnect on unit
	4755-AH0018	Air Handling Unit, E. End S. Rm 109/Rm E09 - Disconnect in room E9 East end
	4755-AH0019	Air Handling Unit, Over Head N.E. Exit, N. High Bay, Rm 100 - Disconnect on unit
	4755-AH0020	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
	4755-AH0021	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
	4755-AH0024	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
	4755-AH0025	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
	4755-AH0026	Air Handling Unit, North High Bay, North Wall, Rm 100 - Disconnect on unit
	4755-AH0028	Air Handling Unit, North High Bay, Outside West Rm 100A - Disconnect on unit
	4755-AH0029	Air Handling Unit, Rm 301A - Disconnect on unit
	4755-AH0030	Air Handling Unit, Over Head W. Exit, N. High Bay, Rm 100 - Disconnect on unit
	4755-AH0031	Air Handling Unit, Over Head ,West Exit, N. High Bay, Rm 100 - Disconnect on unit
	4755-AH0032	Air Handling Unit, Corridor, Overhead near West Stairwell. - Disconnect on unit
	4755-AH0033	Air Handling Unit, Rm 212/Rm E06 - Disconnect in room E6
	4755-AH0040	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
	4755-AH0041	Air Handling Unit, Rm 400C/Rm E03 - Disconnect in room E3
	4755-AH0042	Air Handling Unit, Rm 412/Rm E02. 4th flr East End - Disconnect room E2
4761	4761-AH0001	Air Handling Unit, Roof - Disconnect on unit
4767	4767-AH0001	Air Handling Unit, South Side, Outside

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Attachment J-23
Water Treatment Equipment

DESCRIPTION	BLDG	LOCATION	FREQUENCY
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4473		EVERY 7 DAYS
WATER TREATMENT COOLING TOWER (X-LARGE)	4473		EVERY 7 DAYS
WATER TREATMENT COOLING TOWER (X-LARGE)	4473		EVERY 7 DAYS
WATER TREATMENT COOLING TOWER (X-LARGE)	4473		EVERY 7 DAYS
WATER TREATMENT COOLING TOWER (X-LARGE)	4473		EVERY 7 DAYS
WATER TREATMENT COOLING TOWER (X-LARGE)	4473		EVERY 7 DAYS
WATER TREATMENT HOT WATER	4203	ROOM B200	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4207	E-05	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4207	E-05	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4353	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4475	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4476	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4481	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4481	E-04	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4485	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4487	E-12 AB-WING	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4487	E-18	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4487	E-22 C-WING	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4487	E-07 C-WING	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4487	E-09 A-WING BASEMENT	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4561	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4561	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4561	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4570	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4570	E-02	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4570	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4570	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4570	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4570	E-02	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4583	E-02	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4583	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4583	E-02	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4605	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4605	E-02	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4607		EVERY 7 DAYS
WATER TREATMENT HOT WATER	4610	E-01 NORTH SIDES	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4610	E-01 SOUTH SIDE	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4610	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4612	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4612	E-02	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4614	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4619	E-01 BASEMENT	EVERY 7 DAYS

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Attachment J-23
Water Treatment Equipment

DESCRIPTION	BLDG	LOCATION	FREQUENCY
WATER TREATMENT CHILLED WATER	4623	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4628	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4628	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4647		EVERY 7 DAYS
WATER TREATMENT HOT WATER	4653	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4653	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4656	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4663	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4666	E-02	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4670	BASEMENT	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4670	BASEMENT NE LEG	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4674	E-02	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4674	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4674	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4705	E-08	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4707	E-02	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4708	E-12	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4712	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4714	E-01	EVERY 7 DAYS
WATER TREATMENT CHILLED WATER	4718	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4718	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4718	E-01	EVERY 7 DAYS
WATER TREATMENT COOLING TOWER	4744	E-01	EVERY 7 DAYS
WATER TREATMENT HOT WATER	4755	E-02	EVERY 7 DAYS

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4200-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4200-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4200-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4200-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4200-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4200-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4200-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4200-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4200-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4200-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4200-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4200-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4200-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4200-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4200-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4200-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4200-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4200-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4200-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4200-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4200-CHWP0004	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4200-CHWP0005	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4200-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4200-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4200-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4200-DOOR0005	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4200-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4200-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4200DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4200-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4200-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4200-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4200-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4200-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4200-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4200-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4200-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4200-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4200-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4200-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4200-ELEV0004	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4200-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4200-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Perorm all work after core hours.
PM4200-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4200-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0004	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0006	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0007	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0008	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0009	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0010	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0011	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0012	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0013	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0014	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0015	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4200-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4200-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4200-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4200-FIRP0001	Preventive Maintenance - Fire Pump	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4200-FIRP0002	Preventive Maintenance - Fire Pump	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4200-FIRP0003	Preventive Maintenance - Fire Pump	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4200-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4200-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4200-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4200-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4200-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4200-KVHD0001	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4200LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4200-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4200-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4200-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
PM4200-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4200-PMP0001	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PMP0002	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PMP0003	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PMP0004	Preventive Maintenance - Jockey Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PMP0005	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PMP0006	Preventive Maintenance - Jockey Pump	180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4200-PNCONTROLS	Preventive Maintenance - Pneumatic Controls	180-Day: pneumatic controls PM	Clean and calibrate controls
			Repair and replace parts as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4200-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4200-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4200-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4200-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4200-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4200-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SAF0003	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SAF0004	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SAF0005	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SAF0006	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4200-SPR0001	Preventive Maintenance - Stand Pipes	30-Day Stand Pipe Inspection	Perform Inspection
		365-Day: Stand Pipe Inspection	Perform PM
PM4200-SWGR0001	Predictive Testing & Inspection - Switch Gear (4160)	365-Day: Switch Gear (4160v)	Operate Switch/Breakers
		1095-Day: Switch Gear (4160v)	Inspect Rollers and Contacts.
			Lubricate Components as Necessary (Rollers and Contacts)
			Check all Components in Control Cabinet (Relays, Timers, ETC...)
PM4200-TANK0001	Preventive Maintenance -Underground Tank	365-Day: Underground Tank	Inspect Cathodic Protection on underground tank and all associated piping.
PM4200-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4200-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4201-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4201-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4201-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4201-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4201-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4201-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4201-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections

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			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4201-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4201-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4201-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4201-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4201-CHWP0004	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4201-CHWP0005	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4201-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4201-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4201-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4201-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Critical Direct Expansion Unit Package, Water-Cooled	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
PM4201-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4201-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4201-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4201-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4201-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4201-ELEV0004	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Manual Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
PM4201-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4201-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0014	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-EROOM0015	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4201-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
			Perorm all work after core hours.
PM4201-FILT0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FILT0006	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FILT0007	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FILT0015	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FILT0016	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary

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PM4201-FILT0017	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FILT0018	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4201-FIRP0001	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4201-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4201-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4201-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4201LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4201-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4201-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4201-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4201-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4201-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4201-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4201-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4201-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4201-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4201-PMP0002	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request

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		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4201-PMP0006	Preventive Maintenance - Jockey Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4201-PNCONTRL01	Preventive Maintenance - Pneumatic Controls	180-Day: pneumatic controls PM	Clean and calibrate controls
			Repair and replace parts as necessary
PM4201-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4201-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0016A	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4201-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-PNL0054A	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4201-PNL0054B	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4201-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4201-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4201-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4201-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4201-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4201-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4201-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4201-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4201-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4201-SLPMP001A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4201-SLPMP001B	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4201-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4201-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives

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PM4201-SPR0001	Preventive Maintenance - Stand Pipes	30-Day Stand Pipe Inspection	Perform Inpection
		365-Day: Stand Pipe Inspection	Perform PM
PM4201-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4201-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4202-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4202-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4202-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4202-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4202-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4202-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4202-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4202-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4202-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
PM4202-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check emergency release mechanisms (where applicable)
			Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
PM4202-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
			Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
PM4202-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
			Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
PM4202-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
			Check operation and controls. If any problems are found issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4202-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4202-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4202-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4202-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4202-ELEV0004	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Manual Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil reservoir
PM4202-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
			Perorm all work after core hours.
PM4202-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4202-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4202-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4202-FILT0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4202-FIRP0001	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4202-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4202-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4202-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4202-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request

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			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4202-LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4202-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4202-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4202-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4202-PMP0002	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-PMP0003	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-PMP0005	Preventive Maintenance - Jockey Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-PMP0006	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-PNCONTRL01	Preventive Maintenance - Pneumatic Controls	180-Day: pneumatic controls PM	Clean and calibrate controls
			Repair and replace parts as necessary

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PM4202-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4202-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4202-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4202-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4202-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4202-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4202-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4202-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4202-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4202-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4202-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4202-SLPMP001A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-SLPMP001B	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4202-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4202-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4202-SPR0001	Preventive Maintenance - Stand Pipes	30-Day Stand Pipe Inspection	Perform Inspection
		365-Day: Stand Pipe Inspection	Perform PM
PM4202-TANK0001	Preventive Maintenance -Underground Tank	365-Day: Underground Tank	Inspect Cathodic Protection on underground tank and all associated piping.
PM4202-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4202-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4203-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4203-AH00B1	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH00B2	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-AH00B3	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4203-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4203-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4203-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4203-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4203-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4203-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4203-CPNL0001	Preventive Maintenance -Fire Pump Control Panel	30-Day Control Panel	Check Operations and Controls. If any problems found then issue work request.
PM4203-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4203-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4203-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4203-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4203-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4203-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4203-DPIP0001	Preventive Maintenance -Drain Pipe	30-Day Drain Pipe	Clean Drain
			Obtain Tri-Chem Orange solvent from dayshift ORG# 2320
			Pour Tri-Chem in floor drains and let activate for two hours
			Flush each drain with hot water using sewer sock for ten minutes
			Repeat entire process
PM4203-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4203-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4203-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-EAF0013	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4203-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4203-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4203-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4203-ELEV0004	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4203-ELEV0005	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4203-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4203-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4203-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4203-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4203-FILT0010	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4203-FILT0011	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4203-FIRP0001	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4203-FIRP0002	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating

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PM4203-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4203-FSS0002	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4203-FSS0003	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4203-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4203-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4203-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4203-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4203HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4203HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4203HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4203-ICE0001	Preventive Maintenance - Ice Machine	90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
PM4203-KVHD0001	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4203-KVHD0002	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4203-KVHD0003	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4203-KVHD0004	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4203LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4203-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4203-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4203-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0042	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0043	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0044	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0045	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0046	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0047	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0048	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0049	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0050	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0051	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0052	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0055	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0056	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0057	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0058	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0059	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0060	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0061	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0062	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0063	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0064	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0065	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0066	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0067	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0069	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0070	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0072	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0073	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0074	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0075	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0076	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0077	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0078	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0079	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0080	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0081	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0083	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0084	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0085	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0086	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0087	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0088	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0089	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0090	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0091	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0092	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0093	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0095	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0096	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0097	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0098	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0099	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0100	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0101	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0102	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0103	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0104	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0105	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0106	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0108	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0109	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0110	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0111	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0112	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0113	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0114	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0115	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0116	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0117	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0118	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0119	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0120	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0121	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0122	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0123	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0124	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0125	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0126	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0127	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0128	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0129	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0130	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0131	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0132	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0133	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0134	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0135	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0136	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0137	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0138	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0139	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0140	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0141	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-LTS0142	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4203-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4203-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4203-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0016A	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4203-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4203-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4203-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4203-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4203-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4203-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4203-SEVAC0001	Preventive Maintenance - Bldg Smoke Evacuation	365-Day: Smoke Evacuation - Electricians	Verify Smoke Alarm Signals
PM4203-SPR0001	Preventive Maintenance - Stand Pipe	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4203-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4203-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4203-VSC0003	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4203-VSC0004	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4205-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0010	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check air bleed valves for proper operation where applicable
PM4205-AH0013	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0014	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0015	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0016	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0017	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4205-AH0018	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4205-AH0019	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4205-AH0020	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4205-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4205-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4205-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4205-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4205-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4205-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4205-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-CRN0006	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4205-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4205-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4205-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4205-DOOR0005	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4205-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4205-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0012	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0014	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0015	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-DOOR0016	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4205-DOOR0017	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4205-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4205-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0019	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4205-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4205-HUM0001	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0002	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0003	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0004	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0005	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0006	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0007	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0008	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0009	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0010	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0011	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0012	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0013	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0014	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0015	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-HUM0016	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4205-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4205-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4205-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4205-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4205-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4205-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4205-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4205-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4205-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4205-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4205-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-ROOF0013	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4205-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0005	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0006	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0007	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0008	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0009	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-SHEW0010	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4205-UPS0003	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4205-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4205-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4207-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4207-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4207-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4207-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4207-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4207-ACMP0006	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4207-ACMP0007	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4207-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4207-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4207-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4207-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH0006	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4207-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check air bleed valves for proper operation where applicable
PM4207-AH00B1	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-AH00B2	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4207-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4207-ATS0004	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4207-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4207-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4207-BATB0004	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4207-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4207-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4207-BFP0003	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4207-BLR0001	Preventive Maintenance - Hot Water Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean boiler area, if necessary
PM4207-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4207-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4207-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4207-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4207-CHLR0002	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4207-CHLR0003	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4207-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4207-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4207-CPNL0001	Preventive Maintenance -Halon Control Panel	30-Day Control Panel	Check Operations and Controls. If any problems found then issue work request.
		30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0009	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0010	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0011	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0012	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0013	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0014	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0015	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0016	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207-CRU0017	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4207CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	30-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Add chemicals if needed
PM4207-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4207-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4207-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4207-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4207-CWP0003	Preventive Maintenance -Condenser Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4207-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4207-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4207-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4207-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4207-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4207-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4207-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Report all deficiencies.
PM4207-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4207-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4207-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0009	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0010	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0011	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0012	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0013	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0014	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0015	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0016	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0017	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0018	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0019	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0020	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0021	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0022	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0023	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0024	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0025	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4207-FILT0026	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4207-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0029	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-FILT0030	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4207-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Winterize system
		Verify continuity of generator ground, including the fuel tank ground

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4207-GEN0004	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4207-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4207-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4207-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4207HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4207LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4207-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
			Check condition of battery
PM4207-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4207-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4207-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0023	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0024	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0025	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0026	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0027	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0028	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0029	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0030	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0031	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0032	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0033	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-LTS0034	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4207-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4207-MTS0002	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4207-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4207-PNL0001	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4207-PNL0003	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0004	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0005	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0006	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0007	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0008	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0009	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0010	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0011	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0012	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0013	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0014	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0015	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0016	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0017	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0018	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0019	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0020	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0021	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4207-PNL0022	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0023	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0024	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0025	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0026	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0027	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0028	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0029	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0030	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0031	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0032	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0033	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0034	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0035	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0037	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0038	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0039	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0040	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0041	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0042	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0043	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0044	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0045	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0046	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0047	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0048	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0049	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0050	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0051	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4207-PNL0052	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0053	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0054	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0055	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0056	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0057	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0058	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0059	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0060	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0061	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0062	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0063	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0064	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0065	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0066	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0068	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0069	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0070	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4207-PNL0071	Preventive Maintenance - Panel Board (4207 Outages)	365-Day: Panel Board (4207 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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PM4207-RCHLR0002	Preventive Maintenance - Operate Water Chiller	30-Day: Chiller, Operational Test	Transfer Chilled Water Load from Central Plant to Local Chiller and Operate for 24 Hour period.
			Report any Noted Deficiencies.
PM4207-RCHLR0003	Preventive Maintenance - Operate Water Chiller	30-Day: Chiller, Operational Test	Transfer Chilled Water Load from Central Plant to Local Chiller and Operate for 24 Hour period.
			Report any Noted Deficiencies.
PM4207-REC0001	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4207-REC0002	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4207-RMON0001	Preventive Maintenance - Refrigerant Monitoring System	90-Day: HCFC Refrigerant Monitoring System	Notify UCS that system will be under test before performing maintenance on system
			Check Calibration of each sensor, Recalibrate as necessary
			Check/Verify operation of safety equipment (audio/visual warning equipment, exhaust ventilation equipment)
			Note any sensors that required adjustment
PM4207-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4207-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4207-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4207-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4207-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4207-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4207-RV0006	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4207-RV0007	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4207-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4207-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4207-SPMP0006	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP003A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP003B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP004A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4207-SPMP004B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coupling and drives
PM4207-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4207-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4207-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4207-SPR0004	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4207-TANK0001	Preventive Maintenance -Underground Tank	365-Day: Underground Tank	Inspect Cathodic Protection on underground tank and all associated piping.
PM4207-UPS0002	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4207-UPS0003	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4207-UPS0004	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4207-UPSS0001	Preventive Maintenance -Static Switch Meter Cabinet	30-Day: Static Switch Meter Cabinet	Check operation and controls. If any problems are found issue work request
			Check voltage and amperage

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Static Switch Meter Cabinet	Check operation and controls. If any problems are found issue work request
			Check voltage and amperage
			Check filters, change if necessary
		180-Day: Static Switch Meter Cabinet	Check operation and controls
			Check voltage and amperage
			Check filters, change if necessary
			Check all connections
			Clean cabinet
PM4207-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-VSC0004	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-VSC0005	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-VSC0006	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4207-WJET0001	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4209-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary
			Lift safety valves, check dampers and stack
			Check flow or limit switches
		365-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary
			Lift safety valves, check dampers and stack
			Clean interior and exterior of boiler
			Check turbine flues and clean furnace
			Check flow or limit switches
PM4209-BLR0002	Preventive Maintenance - Steam Boiler	30-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary
			Lift safety valves, check dampers and stack
			Check flow or limit switches
		365-Day: Hot Water Boiler (w/HVAC Chemical Analysis, Gas-Fired)	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lift safety valves, check dampers and stack
			Clean interior and exterior of boiler
			Check turbine flues and clean furnace
			Check flow or limit switches
PM4209CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4209-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4209-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4209-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4209-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4209-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4209-FIRP0001	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4209-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4209-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4209-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4209HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4209-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4210-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4211-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4211-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4211-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4211-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4211-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4211-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4241-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4241-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4241-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4241-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4241-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4241-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4241-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4241-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4241-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4241-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4241-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4241-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4241LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4241-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4241-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4241-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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			Check condition of battery
PM4241-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4241-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4241-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4241-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4241-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4241-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4241-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4241-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4241-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4244-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4244-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4244-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4244-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4244-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4244-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4244-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4244-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4244-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4244-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4244-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4244LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4244-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4244-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4244-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4244-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4244-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4244-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4244-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4244-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4244-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4244-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4249-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4249-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4249-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4249-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit W/ UV Lights	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
			Replace UV light bulbs
PM4249-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit W/ UV Lights	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
			Replace UV light bulbs
PM4249-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4249-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4249-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4249-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4249-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4249-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4249-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4249-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4249-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4249LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4249-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4249-PMP0001	Preventive Maintenance - Circulating Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4249-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4249-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4249-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4249-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4249-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4249-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4249-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4250-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4250-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
PM4250-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4250-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4250-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4250-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean and lubricate terminals
			Clean battery if necessary
PM4250-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4250-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4250-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4250-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4250-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4250-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4250-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4250-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4250-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
PM4250-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0004	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0006	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0007	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0010	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4250-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4250-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4250-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4250-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4250LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4250-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4250-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4250-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4250-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4250-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4250-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4250-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4250-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4250-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4250-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4250-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4250-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4251-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4251-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4251-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4251-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4251-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4251-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4251-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4251-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4251-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4251-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4251LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4251-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4251-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4251-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4251-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4251-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4251-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4251-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4251-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4251-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4252-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4252-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4252-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4252-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4252-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4252-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4300DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4306-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4306-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4306-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4306-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4306-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4306LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4306-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4306-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4306-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4306-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4306-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4306-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4312-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4312-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4312-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4312-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4312-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4312-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4312-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4312-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4312-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4312-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4312-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4312-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4312-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4312-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4312LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4312-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4312-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4312-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4312-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4312-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4312-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4312-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4312-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4312-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4312-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4312-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4315-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4315-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4315-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4315-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4315-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4315-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4315-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4315-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4315-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4315-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4315-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4315-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.;
			make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4315-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0026	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4315-LTS0028	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4315-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4315-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4315-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4315-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4315-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4315-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4316-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4316-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4316-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4316-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4316-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4316-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4316-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4316-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4316-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4316-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4316-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4316-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4316-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4316-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4316-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4316-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4316-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4316-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4316-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4316-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4319LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4319-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4319-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4319-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4319-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4346-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0005	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0006	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0007	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0008	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0009	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0010	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0011	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-DXAC0012	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4346-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4346-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4346-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4346-HUM0001	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4346-LP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4346-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4346-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4346-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4346-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4346-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4346-PP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4346-PP0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4346-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4346-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4346-RP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4346-RP0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4346-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4347-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4347-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4347-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4347-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4347-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4347-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4347-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4347-HP0001	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4347-HP0002	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4347LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4347-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4347-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4347-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4347-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4347-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4348-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4348-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4348-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4348-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4348-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4348-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4348LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4348-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4348-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4348-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4348-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4348-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4348-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4348-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4353-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4353-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4353-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4353-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4353-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4353-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4353-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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PM4353-AH0005	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4353-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4353-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4353-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4353-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4353-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4353-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4353-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4353-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4353-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4353-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4353-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4353-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4353-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4353-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4353-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4353-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4353-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4353-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4353-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4353-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4353-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.;
			make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4353HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4353LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4353-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4353-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4353-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4353-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4353-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4353-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4353-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4353-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4353-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4353-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4353-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4353-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4353-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4391-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4391-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4391-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4400DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4436-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4436-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4436-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4436-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4436-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4436-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4436-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4436-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4436-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4436-FILT0002	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4436-FILT0004	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-FILT0005	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-FILT0006	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-FILT0007	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-FILT0008	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4436-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4436-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4436-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4436-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4436LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4436-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4436-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4436-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4436-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4436-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4436-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4436-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4436-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4436-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4436-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4436-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4436-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4464-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4464-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4464-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4464-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4464-CHWP0001	Preventive Maintenance - Water Chiller	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4464-CHWP0002	Preventive Maintenance - Water Chiller	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4464-CHWP0003	Preventive Maintenance - Water Chiller	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4464-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4464-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4464-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4464-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4464-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4464-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4464-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Winterize system
		Verify continuity of generator ground, including the fuel tank ground
		Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4464LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4464-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4464-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4464-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4464-PMP0001	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4464-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4464-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4464-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4464-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4464-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4465-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism Inspect brake settings if applicable Check master link on chains Visually inspect alignment of tracks Lubricate tracks as necessary Inspect Mounts to ensure that they are sufficiently sized Inspect chain drive adjustments If any problems are found issue work request
PM4465-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables Inspect drive mechanism Inspect brake settings if applicable. Check master link on chains Visually inspect alignment of tracks Lubricate tracks as necessary Inspect chain drive adjustments If any problems are found issue work request
PM4465-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils Check safety interlocks
PM4465-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4465LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting Inspect all Parking Lot Lighting Report Findings to Electrical Supervisor
PM4465-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects. Apply insecticides or poisons as required. Complete chemical applications records.
PM4465-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4465-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4465-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4465-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM 90-Day: Wet Sprinkler System PM 365-Day: Wet Sprinkler System PM	Perform PM Perform PM Perform PM
PM4466-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary Check stops and tethers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4466-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4466-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4466-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4466-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4466LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4466-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4466-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
PM4466-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4466-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4466-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4466-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4467-DHUM0001	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4467-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4467-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4467-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4467-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4467LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4467-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4467-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4467-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4467-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4467-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4467-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4467-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4467-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4470-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4470-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4470-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4470-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4470-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4470-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4471-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACFLT0006	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACFLT0007	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACFLT0008	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4471-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ACMP0006	Preventive Maintenance - Air Compressor Sprinkler	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ACMP0007	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ACMP0008	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4471-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4471-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4471-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4471-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0003	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4471-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0007	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4471-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4471-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4471-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4471-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4471-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0015	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4471-AH0016	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0017	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-AH0018	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4471-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4471-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4471-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4471-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4471-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4471-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4471-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4471-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Critical Direct Expansion Unit Package,	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package,	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4471-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report all deficiencies.
PM4471-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4471-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4471-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4471-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4471-FILT0014	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0015	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0016	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0017	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0018	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4471-FILT0020	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0021	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0022	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0023	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0024	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0025	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0026	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0027	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0028	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4471-FILT0029	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4471-FILT0030	Preventive Maintenance - Filters	180-Day Filter PM (Night-Shift)	Check filters, change if necessary

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PM4471-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4471-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.

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			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4471-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4471-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HV0011	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4471-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4471-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4471-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4471HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4471HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4471HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4471-KVHD0001	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4471-KVHD0002	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4471LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4471-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4471-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
PM4471-LTS0023	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-LTS0024	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4471-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4471-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4471-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4471-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4471-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4471-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4471-RAF0012	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4471-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4471-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4471-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4471-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4471-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4471-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4471-RV0006	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4471-RV0007	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4471-RV0008	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4471-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4471-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4471-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4471-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4471-SPR0004	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4471-SPR0005	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4471-SPR0006	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4471-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4472-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4472-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4472-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4472-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4472-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4472-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4472-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4472LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4472-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4472-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4472-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4472-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4472-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4472-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4472-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4472-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4472-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4473-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4473-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4473-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4473-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4473-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4473-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4473-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4473-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4473-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4473-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4473-CCTWR0002	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4473-CCTWR0003	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4473-CCTWR0004	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4473-CCTWR0005	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4473-CHEM0001	Preventive Maintenance - Chemical Feed Drum (East Open Loop)	7-day Chemical Drum Inspection PM	Check level of chemical in feed drums
			Add chemicals if needed
PM4473-CHEM0002	Preventive Maintenance - Chemical Feed Drum (West Open Loop)	7-day Chemical Drum Inspection PM	Check level of chemical in feed drums
			Add chemicals if needed
PM4473-CHEM0003	Preventive Maintenance - Chemical Feed Drum (Closed Loop)	7-day Chemical Drum Inspection PM	Check level of chemical in feed drums
			Add chemicals if needed
PM4473-CHLR0001	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)

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			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0002	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0003	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0004	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
	180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
		Check oil level in chiller oil sump, add as necessary
		Check oil temperature.
		Check dehydrator or purge system; remove water if observed in sight glass.
		Run system control tests.
		Check refrigerant charge/level, add as necessary
		Check compressor for excessive noise/vibration.
		Clean sensor and mechanical safety limits
		Check (IR Scan) and tighten motor terminals.
		Service chiller starter and check all controls and terminations.
	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
		Check oil level in chiller oil sump.
		Check oil temperature
		Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
		Run system control tests
		Check refrigerant charge/level, add as necessary.
		Check compressor for excessive noise/vibration.
		Check sensor and mechanical safety limits.
		Clean dehydrator float valve.
		Perform spectrochemical analysis of compressor oil.
		Replace oil and oil filter(s)
		Inspect cooler and condenser tubes for leaks.
		Inspect utility vessel vent piping and safety relief valve.
		Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
		Run an insulation test on the motor.
		Check (IR Scan) and tighten motor terminals.
		Service chiller starter and check all controls and terminations.
	1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
		Check oil level in chiller oil sump.
		Check oil temperature.
	7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
		Check oil level in chiller oil sump.
		Check oil temperature.
		Check dehydrator or purge system; remove water if observed in sight glass
	30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
		Check oil level in chiller oil sump.
		Check oil temperature.
		Check refrigerant charge/level, add as necessary.
		Check compressor for excessive noise/vibration.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4473-CHLR0005	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
		180-Day: Chiller, Water-Cooled	Check compressor for excessive noise/vibration.
			Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
		7-Day: Chiller, Water-Cooled	Check oil temperature.
			Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0006	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0007	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0008	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHLR0009	Preventive Maintenance - Water Chiller	90-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
		180-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump, add as necessary
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass.
			Run system control tests.
			Check refrigerant charge/level, add as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check compressor for excessive noise/vibration.
			Clean sensor and mechanical safety limits
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
		1-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
		7-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check dehydrator or purge system; remove water if observed in sight glass
		30-Day: Chiller, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
PM4473-CHWV0001	Preventive Maintenance - Central Plant, Chilled Water Isolation Valve Check	60-Day: Central Plant Loop Isolation Valves	Exercise Isolation Valves for Loops A, B, C, and D of Central Plant.
PM4473-CTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4473-CTWR0002	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4473-CTWR0003	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4473-CTWR0004	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4473-CTWR0005	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4473-CWP0001	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-CWP0002	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4473-CWP0003	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-CWP0004	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-CWP0005	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-CWP0006	Preventive Maintenance -Condenser Water Pump	180-Day: Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-EAF0001	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0002	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0003	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0004	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0005	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.

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			If any problems are found issue work request
PM4473-EAF0006	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0007	Preventive Maintenance - Exhaust Fan Vent	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4473-EAF0008	Preventive Maintenance - Exhaust Fan Refrigerant	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4473-EAF0009	Preventive Maintenance - Exhaust Fan Refrigerant	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4473-EAF0010	Preventive Maintenance - Exhaust Fan Refrigerant	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4473-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4473-EW0002	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4473-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4473-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4473-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4473-HV0001	Preventive Maintenance - Heating Vent Unit	90-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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			Check belts for wear, proper tension, and alignment; adjust as necessary.
		365-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4473-PMP0001	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0002	Preventive Maintenance - Sand Filter Pump	180-Day Pump PM (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PMP0003	Preventive Maintenance - Sand Filter Pump	180-Day Pump PM (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PMP0004	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0005	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0006	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0007	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0008	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PMP0009	Preventive Maintenance - Chemical Metering Pump	30-Day Electronic Metering Pump (4473 Chemical Feed)	Check Operation and Controls. If any problems are found issue work request
PM4473-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4473-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4473-PRIP0001	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0002	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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PM4473-PRIP0003	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0004	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0005	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0006	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0007	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0008	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-PRIP0009	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-RMON0001	Preventive Maintenance - Refrigerant Monitoring System	90-Day: HCFC Refrigerant Monitoring System	Notify UCS that system will be under test before performing maintenance on system
			Check Calibration of each sensor, Recalibrate as necessary
			Check/Verify operation of safety equipment (audio/visual warning equipment, exhaust ventilation equipment)
			Note any sensors that required adjustment
PM4473-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4473-SECP0001	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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PM4473-SECP0002	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-SECP0003	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-SECP0004	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-SECP0005	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-SECP0006	Preventive Maintenance - Chill Water Pump	180-Day: Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4473-SFILT0001	Preventive Maintenance - Sand Filters	30-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter
			Check system for leaks
		180-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter
			Check system for leaks
			Inspect gaskets for damage/leaks
		365-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter
			Check system for leaks
			Inspect gaskets for damage/leaks
			Check clamp on filter tank access port. Lubricate as necessary
			Inspect over-drain assembly and media pack. Change/refill media as necessary
PM4473-SFILT0002	Preventive Maintenance - Sand Filters	30-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter
			Check system for leaks
		180-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter

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			Check system for leaks
			Inspect gaskets for damage/leaks
		365-Day Sand Filter Inspection	Inspect Exterior of tank and piping for damage
			Check/Verify operation of valves
			Check/record pressure gauge reading at top of filter
			Check system for leaks
			Inspect gaskets for damage/leaks
			Check clamp on filter tank access port. Lubricate as necessary
			Inspect over-drain assembly and media pack. Change/refill media as necessary
PM4473-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4473-STRAIN0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Strainer Cleaning	Remove and Clean all Strainers at Central Chiller Facility.
PM4473-VLV0001	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0002	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0003	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0004	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0005	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean valve exterior and area around valve
PM4473-VLV0006	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0007	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0008	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0009	Preventive Maintenance - Automatic Valve Chiller Condenser	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0010	Preventive Maintenance - Automatic Valve Cooling Tower	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0011	Preventive Maintenance - Automatic Valve Cooling Tower	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0012	Preventive Maintenance - Automatic Valve Cooling Tower	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean valve exterior and area around valve
PM4473-VLV0013	Preventive Maintenance - Automatic Valve Cooling Tower	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0014	Preventive Maintenance - Automatic Valve Cooling Tower	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VLV0015	Preventive Maintenance - Automatic Valve Cooling Tower Bypass	365-Day Valve, Auto Diaphragm	Lubricate valve actuator stem and valve stem, where possible
			Check automatic valve for proper operation. If any problems found issue work request
			Check packing gland for leaks; adjust as required
			Check pneumatic operator and tubing for leaks
			Clean valve exterior and area around valve
PM4473-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4473-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4473-VSC0003	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4473-VSC0004	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4473-VSC0005	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4473-VSC0006	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4475-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4475-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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PM4475-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4475-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4475-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4475-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4475-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4475-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4475-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4475-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4475-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4475-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4475-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4475-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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PM4475-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4475-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4475-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4475-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request

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			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4475-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4475-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4475LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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PM4475-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
		30-Day: Emergency Lights - Fluorescent Type	Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4475-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4475-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4475-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4475-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4475-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4475-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4475-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4475-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4475-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4475-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4475-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4475-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4475-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4475-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4475-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4475-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4475-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4475-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4475-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4475-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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PM4476-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4476-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4476-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4476-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4476-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4476-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4476-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4476-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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			Check air bleed valves for proper operation where applicable
PM4476-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4476-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4476-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4476-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4476-CHWP0004	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4476-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4476-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4476-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean drain pans, vacuum drains, and insure drain clarity
PM4476-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4476-CRU0005	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4476-CRU0006	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4476-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4476-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4476-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4476-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4476-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4476-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4476-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4476-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4476-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4476-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4476-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4476-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4476-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4476-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4476-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0008	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0009	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0010	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0011	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0012	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0013	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4476-FILT0015	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4476-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Winterize system
		Verify continuity of generator ground, including the fuel tank ground

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4476-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4476-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4476-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4476-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4476-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4476HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4476LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4476-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4476-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4476-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4476-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0023	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0024	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0025	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-LTS0026	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4476-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4476-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4476-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4476-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4476-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4476-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4476-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4476-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4476-RAF0003	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4476-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4476-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4476-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4476-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4476-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4476-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4476-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4476-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4477-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4477-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4477-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
		30-Day: Fire Alarm System	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4477-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4477LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4477-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4477-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4477-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4477-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4477-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4477-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4477-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4478LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4478-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4478-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4479-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4479-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4480-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4480-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4480LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4480-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4480-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4480-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4480-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4481-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4481-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4481-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4481-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4481-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4481-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4481-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4481-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4481-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4481-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4481-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4481-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4481-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4481-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4481-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4481-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4481HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4481HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4481HWTR0004	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4481LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4481-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4481-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4481-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4481-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4481-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4481-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4481-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4481-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4481-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4481-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4481-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4481-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4481-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4481-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4481-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4481-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4482-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4482-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4482-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4482-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4482-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4482-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4482-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4482LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4482-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4482-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4482-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4482-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4482-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4482-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4483-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4483-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4483-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4483-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
		180-Day: Air Compressor	Check Belts. Change if necessary.
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
		365-Day: Air Compressor (Post RCM)	Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
PM4483-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
		180-Day: Air Compressor	Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
		365-Day: Air Compressor (Post RCM)	Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4483-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
		180-Day: Air Compressor	Check Belts. Change if necessary.
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
		365-Day: Air Compressor (Post RCM)	Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
PM4483-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check belts, change if necessary
			Check filters, change if necessary
			Check operation and controls. If any problems found then issue work request.
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Drain and flush
			Drain water separator
			Check operation and controls. If any problems are found then issue work request.
			Drain and flush

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain water separator
			Clean condenser coils
PM4483-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4483-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
		180-Day Roll-Up Door PM	Inspect drive mechanism
		180-Day Roll-Up Door PM	Inspect brake settings if applicable.
		180-Day Roll-Up Door PM	Check master link on chains
		180-Day Roll-Up Door PM	Visually inspect alignment of tracks
		180-Day Roll-Up Door PM	Lubricate tracks as necessary
		180-Day Roll-Up Door PM	Inspect chain drive adjustments
		180-Day Roll-Up Door PM	If any problems are found issue work request
PM4483-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4483-DOOR0014	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0015	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0016	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0017	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0018	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0019	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0020	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0021	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0022	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0023	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0024	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4483-DOOR0025	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4483-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4483-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4483-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4483-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4483-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4483-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4483-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4483LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4483-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4483-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4483-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4483-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4483-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4483-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4483-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4483-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4485-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4485-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4485-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4485-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4485-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4485-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4485-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4485-AH001A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4485-AH002A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4485-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4485-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4485-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check drive coupling
PM4485-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4485-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4485-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4485-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4485-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4485-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4485-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4485-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4485-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4485-FILT001A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4485-FILT002A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4485-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4485-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4485HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4485LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4485-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4485-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4485-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4485-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4485-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4485-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4485-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4485-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4485-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4485-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4485-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4485-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4487A-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487A-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487A-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487A-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487A-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487A-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.

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			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487A-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4487A-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4487A-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0019A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0019B	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0019C	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487A-AH0022	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-AH0027	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487AB-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487AB-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check filters, change if necessary
PM4487AB-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4487AB-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487AB-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487AB-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487AB-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487AB-AH0022	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487A-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4487A-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check pilot cell temperature
PM4487AB-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4487AB-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4487AB-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487AB-CRU0015	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487AB-CRU0016	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487AB-CRU0017	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487AB-CRU0018	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487AB-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4487AB-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4487AB-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4487AB-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487AB-FAC0001	Preventive Maintenance - Facilities Drill Press	90-Day Facilities Shop Equipment	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check belts, change if necessary
PM4487AB-FAC0002	Preventive Maintenance - Facilities Band Saw	90-Day Facilities Shop Equipment	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check belts, change if necessary
PM4487A-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4487AB-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487AB-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487AB-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487AB-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487AB-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487AB-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487AB-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487AB-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487AB-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487AB-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487AB-RAF0020	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487AB-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487AB-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487AB-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487AB-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487AB-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487AB-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487AB-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487AB-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487A-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487A-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487A-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary

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			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0004	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0005	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0006	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0007	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0008	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-CRU0009	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4487A-CRU0010	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487A-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4487A-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4487A-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4487A-EW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487A-EW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487A-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
			Perorm all work after core hours.
PM4487A-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487A-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487A-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487A-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487A-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487A-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487A-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487A-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487A-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487A-HWP0007	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487A-HWP0009	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487A-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487A-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4487A-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4487A-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4487A-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487A-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487A-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487A-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487A-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487A-SH0003	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487A-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4487A-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4487A-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487A-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487A-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487B-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487B-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487B-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487B-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487B-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487B-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487B-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4487B-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487B-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487B-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487B-AH0015	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487B-AH0016	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487B-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-AH020A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487B-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4487B-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4487BC-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4487BC-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4487BC-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4487BC-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487BC-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487BC-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487BC-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487BC-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4487BC-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487BC-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487BC-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4487BC-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487BC-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487BC-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487B-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487BC-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4487BC-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4487BC-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487BC-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487BC-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487BC-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487B-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4487B-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4487B-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0004	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0007	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0008	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0009	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0010	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0011	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4487B-CRU0012	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0013	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0014	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487B-CRU0015	Preventive Maintenance - Computer Room Unit	90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4487B-CRU0016	Preventive Maintenance - Liebert Mini-Mate	90-Day: Mini-Mate Air Handling Unit, Chill Water	Check controls and unit for proper operation. If any problems are found then issue work request.
			Lubricate shaft and motor bearings as necessary.
PM4487BC-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487BC-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487B-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4487B-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4487B-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4487B-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4487B-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487B-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487B-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487B-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487B-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487B-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487B-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487B-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487B-HWP0004	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487B-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0042	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0043	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-LTS0044	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487B-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4487B-PMP0001	Preventive Maintenance - Deionized Water Pump	180-Day: System Pumps	Notify RO System Tech before performing PM (4-5273)
			Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction, discharge piping, seals, packing glands, etc.; make minor repairs as necessary
			Lubricate pump and motor as necessary
			Notify RO System Tech to restart system after work is performed
PM4487B-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487B-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487B-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487B-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4487B-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487B-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-RAF0008	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-RAF0009	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-RAF0021	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-RAF0022	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4487B-ROSYS0001	Preventive Maintenance - Operational Inspection	7-Day: Operational Inspection (4487)	Perform Visual Inspection of Water Quality
			Inspect operation of float level switch
			Check Filters, replace as necessary
PM4487B-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487B-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4487B-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487B-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4487B-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4487B-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4487B-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487B-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487B-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-AH0022	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4487C-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4487C-BFP0003	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4487C-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487C-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4487C-CRU0020	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0021	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0022	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0023	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0024	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0025	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4487C-CRU0026	Preventive Maintenance - Computer Room Unit	90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4487C-CRU0027	Preventive Maintenance - Computer Room Unit	90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4487C-CRU0028	Preventive Maintenance - Computer Room Unit	90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4487C-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4487C-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4487C-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0021	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-FILT0022	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487C-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4487C-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4487C-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Vapor hoses
PM4487C-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487C-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487C-HWP0003	Preventive Maintenance - Chill Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487C-HWP0004	Preventive Maintenance - Chill Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4487C-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4487C-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4487C-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4487C-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4487C-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4487C-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4487C-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4487C-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487C-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487C-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4487C-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487C-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4487C-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0005	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0006	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0007	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0008	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0009	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4487C-VSC0010	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0011	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4487C-VSC0012	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4487-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks. Check area for water leaks. Report all deficiencies.
PM4487-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment. Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0014	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0015	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0016	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487EROOM0017	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0018	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0019	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0020	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0021	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0022	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0023	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0024	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0025	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0026	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0027	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0028	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0029	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0030	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EROOM0031	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4487-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4487-EW0003	Preventive Maintenance - Safety Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4487-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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PM4487-FILT0095	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0096	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0097	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4487-FILT0098	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0099	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0100	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487-FILT0101	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4487HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4487HWTR0002	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4487HWTR0003	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4487LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4487-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4487-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0013	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0014	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0015	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0016	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0017	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0018	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0019	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0020	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0021	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0022	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0023	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0024	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0025	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4487-ROOF0026	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4491-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4491-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4491-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4491-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4491-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4491-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4491-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request. Drain and flush

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4491-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4491-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4491-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4491-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4491-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4491-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4491-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4491-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4491-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4491-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4491-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4491-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4491-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4491-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4491-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4491-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4491-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4491-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4491-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4491LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4491-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0033	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4491-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4491-LTS0035	Preventive Maintenance - Emergency Lights	365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4491-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4491-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4491-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4491-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4491-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4491-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4491-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4491-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4491-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4491-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4491-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4491-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4491-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4491-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4493-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4493-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4493-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4493-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4493-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation Inspect interior of unit for loose debris (pest, loose filters, etc.) Vacuum out condensate drain/pan of unit as applicable Check exterior coil connections for leaks Check air bleed valves for proper operation where applicable
PM4493-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation Inspect interior of unit for loose debris (pest, loose filters, etc.) Vacuum out condensate drain/pan of unit as applicable Check exterior coil connections for leaks Check air bleed valves for proper operation where applicable
PM4493-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation Inspect interior of unit for loose debris (pest, loose filters, etc.) Vacuum out condensate drain/pan of unit as applicable Check exterior coil connections for leaks Check air bleed valves for proper operation where applicable
PM4493-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4493-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4493-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4493-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4493-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4493-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4493-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4493-CHWP0001	Preventive Maintenance - Water Chiller	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4493-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4493-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4493-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4493-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4493-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4493-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4493-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4493-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4493-DOOR0005	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4493-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4493-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4493-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4493-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4493-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4493-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0005	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4493-FILT0006	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4493-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4493-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4493-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4493-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4493-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4493-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4493-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4493-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4493LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4493-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4493-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
		30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4493-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4493-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4493-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4493-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
PM4493-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4493-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4493-ODT0012	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4493-ODT0013	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4493-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4493-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4493-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4493-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4493-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4493-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4493-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4493-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4493-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4493-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4493-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4494-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4494-ACMP0001	Preventive Maintenance - Air Compressor Sprinkler	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check filters, change if necessary
PM4494-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4494-CHWP0001	Preventive Maintenance - Water Chiller	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4494-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4494-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4494-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4494-FILT0001	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4494LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4494-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4494-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4494-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
		30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4494-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4494-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
		30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4494-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4494-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4494-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4494-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4494-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4494-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4494-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4494-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4494-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4494-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4494-STR0001	Preventive Maintenance - Strainers	90-Day: Strainers	Check strainers, clean if necessary
PM4500DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4515-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4515-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4520LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4520-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4520-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4520-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4522-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4522-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4522-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4522-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4522LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4522-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4522-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4522-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4522-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean equipment
			Check all contacts and connections
PM4522-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4522-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4522-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4522-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4522-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4522-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4522-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4522-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4522-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4522-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4522-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4522-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4523-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4523-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4523-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4523-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4523-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4523-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4523-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4523-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4523-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4524-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4524-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4524-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4524-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4524-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4524-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4524-COND0001	Preventive Maintenance - Air-cooled Condenser	90-Day: Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
		180 Day Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
			Check suction and discharge pressure
			Check and lubricate bearings
		365-Day: Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
			Check suction and discharge pressure
			Check and lubricate bearings

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean condenser and evaporator coil
			Check safety interlocks
PM4524-COND0002	Preventive Maintenance - Air-cooled Condenser	90-Day: Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
		180 Day Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
			Check suction and discharge pressure
			Check and lubricate bearings
		365-Day: Air-Cooled Condenser (Direct-drive w/ sealed condenser fan)	Check operation and controls
			Check suction and discharge pressure
			Check and lubricate bearings
			Clean condenser and evaporator coil
			Check safety interlocks
PM4524-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4524-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4524LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4524-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4524-PMP0001	Preventive Maintenance - Hydraulic Pump	90-Day: Pump PM (Day-shift)	Check operation and controls. If any problems are found issue work request
		180-Day Pump PM (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4524-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4524-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4524-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4524-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4524-SPMP0001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4525LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report Findings to Electrical Supervisor
PM4525-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4525-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4525-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4525-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4526-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4526-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4527LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4527-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4530-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4530-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4530-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4530-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4530-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary

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			Check stops and tethers
			If any problems are found issue work request
PM4530-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4530-DXAC0002	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4530-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4530-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4530-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4530-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4530-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4530-HDT0002	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4530-HDT0003	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4530LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4530-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4530-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4530-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4530-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4530-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4530-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4530-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4530-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4530-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4530-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4530-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4530-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4530-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4530-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check termination points
			Inspect and clean all modules
PM4531-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4531-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4531-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4531-ACMP0002	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4531-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4531-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4531-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4531-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4531-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4531-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4531-COND0001	Preventive Maintenance - Air-cooled Condenser	90-Day: Air-Cooled Condenser	Check operation and controls. If any problems found then issue work request.
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
		180 Day Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
			Check and lubricate bearings as necessary
		365-Day: Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Clean condenser and evaporator coil
			Check safety interlocks
PM4531-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4531-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4531-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4531-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4531-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4531LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4531-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4531-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4531-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4531-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4531-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4531-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4531-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4531-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4531-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4532-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4532-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4532-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4532-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4532-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4532-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4539-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4539-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4539-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4539-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4539-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4539-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4539-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4539-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4539LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4539-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4539-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4539-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4539-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4539-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4539-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4539-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4539-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4539-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4539-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4539-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Date and initial inspection tag
PM4540-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4540LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4540-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4540-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4540-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4540-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4540-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4540-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4540-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4540-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4540-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4540-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4540-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4540-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4540-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4541-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4541-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4541-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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PM4541-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4541-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4541-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4541-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4541-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4541LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4541-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4541-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4541-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4541-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4541-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4541-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4541-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4541-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4541-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4541-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4542-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4542-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4542-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4542-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4542-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4542-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4542LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4542-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4542-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4542-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4542-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4542-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4542-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4542-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4542-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4542-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4542-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4542-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4542-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet
PM4542-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4542-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4542-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check termination points
			Inspect and clean all modules
PM4548-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4549-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4549-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4549-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4549-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4549-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
PM4549-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4549-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4549LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4549-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4549-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4549-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4549-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4549-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4549-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4549-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-DERK0001	Preventive Maintenance - Derrick Stiffleg	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4550-DERK0002	Preventive Maintenance - Derrick Stiffleg	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4550-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4550-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4550-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4550-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4550-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4550-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4550LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4550-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4550-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4550-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4550-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4550-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4550-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4550-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet
PM4551-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4551-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4551-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4551-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4551-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4551-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4551-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4551-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4551-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4551LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4551-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4551-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4551-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4551-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4551-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4551-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4551-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4551-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet
PM4551-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4553-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4553-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4553-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4553-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4553-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4553-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4553-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4553LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4553-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4553-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4553-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4553-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4553-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4553-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4553-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4553-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4553-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Install knockout hole plugs as necessary
PM4553-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4553-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4553-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4553-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4554-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4554-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4554-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4554-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4554-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4554-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4554-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4554-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4554-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4554-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4554-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4554-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4554-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4554-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4554-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4554-FILT0001	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4554-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4554-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4554-FILT0004	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4554-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4554-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4554-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4554-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4554LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4554-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4554-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4554-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4554-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4554-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4554-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4554-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4554-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4554-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4554-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4554-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4554-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4554-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4555-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4555-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4555-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4555-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4555-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4555-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
		30-Day: Fire Alarm System	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
		180-Day: Fire Alarm System	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Verify operation of all pull stations and bells
		180-Day: Fire Alarm System	Clean, test, and calibrate smoke detectors if applicable
PM4555-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4555-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4555-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4555-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points

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			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4555-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4555-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4558-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4558-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4559-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4559-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4559LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4559-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4559-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4559-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4559-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4559-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4560-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4561-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4561-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4561-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4561-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4561-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4561-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4561-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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PM4561-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4561-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4561-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4561-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4561-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4561-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4561-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4561-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4561-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4561-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Water-Cooled (York)	Check units evaporator and condenser pressures, oil tank pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s).
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessels vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Rod & clean condensor.
			Rod & clean evaporator.
			Check hot gas by-pass operation.
PM4561-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4561-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4561-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4561-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4561-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4561CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4561-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4561-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary

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PM4561-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4561-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4561CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4561-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4561-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4561-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4561-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4561-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4561-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4561-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4561-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4561-FILT0001	Preventive Maintenance -Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4561-FILT0002	Preventive Maintenance -Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4561-FILT0003	Preventive Maintenance -Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4561-FILT0004	Preventive Maintenance -Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4561-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4561-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4561-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4561-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4561-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4561-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4561HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4561HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4561-HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4561LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4561-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4561-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4561-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4561-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4561-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4561-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check all contacts and connections
PM4561-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4561-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4561-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4561-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4561-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4561-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4561-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4561-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4561-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4561-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4561-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4561-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4561-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4561-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4561-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4561-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4563-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4563-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4563-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4563-EW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Check saline solution level, add as necessary
			Verify proper air pressure
			Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Change saline solution
			Repressurize tank
			Date and initial inspection tag

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4563-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4563-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4563-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4563-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4563-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4563-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4564-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4564-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4564-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4564-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary Check belts, change if necessary Check filters, change if necessary
PM4564-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request. Drain and flush Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request. Drain and flush Drain water separator Clean condenser coils
PM4564-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4564-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4564-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4564-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4564-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4564-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4564LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4564-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4564-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4564-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4564-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4564-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete chemical applications records.
PM4564-PMP0001	Preventive Maintenance - Jockey Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4564-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4564-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4564-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4564-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4564-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4564-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4564-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4564-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4564-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4564-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4564-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4564-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4566-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4566-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4566-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4566-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4566-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4566-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4566-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4566-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4566-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4566-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4566-CHLR0002	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4566-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4566-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4566-CNPD0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4566-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4566-CNDP0003	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4566-CNDP0004	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4566-COND0001	Preventive Maintenance - Air-cooled Condenser	90-Day: Air-Cooled Condenser	Check operation and controls. If any problems found then issue work request.
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
		180 Day Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
			Check and lubricate bearings as necessary
		365-Day: Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
			Check and lubricate bearings as necessary
			Clean condenser and evaporator coil
			Check safety interlocks
PM4566-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4566-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4566-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4566-DXAC0004	Preventive Maintenance - Direct Expansion Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean condenser and evaporator coils
PM4566-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4566-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4566-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4566-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4566-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4566-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4566-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4566LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4566-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4566-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4566-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
		30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4566-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4566-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4566-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
PM4566-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4566-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4566-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4566-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4566-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4566-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4566-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4566-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4566-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4566-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4566-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4566-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4567-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4567-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4567-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4567-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4567-BLR0002	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4567-BLR0003	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4567-DFWT0001	Preventive Maintenance - De-aerating Feed-water Tank	90-Day: De-aerating Feed-water Tank	Check operation and controls. If any problems found issue work request.
			Clean area around tank.
			Perform safety walkthrough.
PM4567-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4567-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4567-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4567-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4567-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4567-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4567-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4567-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4567-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4567-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4567-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4567-FWP0003	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4567LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report Findings to Electrical Supervisor
PM4567-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4567-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4567-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4567-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4567-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4567-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4567-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4567-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4567-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4567-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4567-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4570-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4570-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4570-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4570-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4570-RMON0001	Preventive Maintenance - Refrigerant Monitoring System	90-Day: HCFC Refrigerant Monitoring System	Notify UCS that system will be under test before performing maintenance on system
			Check Calibration of each sensor, Recalibrate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check/Verify operation of safety equipment (audio/visual warning equipment, exhaust ventilation equipment)
			Note any sensors that required adjustment
PM4570-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash	30-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Check saline solution level, add as necessary
			Verify proper air pressure
			Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Change saline solution
			Repressurize tank
			Date and initial inspection tag
PM4570-SHEW0002	Preventive Maintenance - Safety Shower	30-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Check saline solution level, add as necessary
			Verify proper air pressure
			Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Change saline solution
			Repressurize tank
			Date and initial inspection tag
PM4571-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4571-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4571-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4571-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4571-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4571-SGND0001	Preventive Maintenance -Static Ground System	365-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet
PM4572-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4572-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4572-CRU0004	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4572-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4572-DXAC0003	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4572-DXAC0005	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4572-DXAC0006	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4572-DXAC0007	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4572-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4572-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4572-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4572-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4572-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4572-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4572-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4572-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4572-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4572-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4572-FILT0008	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4572-FILT0009	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4572-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4572-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4572LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4572-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4572-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4572-PMP0002	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4572-PMP0003	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4572-PMP0004	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4572-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4572-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4572-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4572-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4572-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4572-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4572-SHEW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4572-SHEW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4572-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4572-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4572-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4574-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4574-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4581LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4581-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4581-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4581-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4582-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4582-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4582-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4582LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4582-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4582-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4582-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4582-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4582-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4582-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4583-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4583-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4583-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4583-ACFLT0006	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4583-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4583-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4583-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check filters, change if necessary
PM4583-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4583-ACMP0006	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4583-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4583-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4583-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4583-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4583-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4583-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4583-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4583-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4583A-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4583A-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583A-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4583-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations

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PM4583-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4583-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4583-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4583-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4583-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4583-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Water-Cooled (York)	Check units evaporator and condenser pressures, oil tank pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests.
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s).
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessels vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Rod & clean condensor.
			Rod & clean evaporator.
			Check hot gas by-pass operation.
PM4583-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4583-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4583-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
PM4583-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4583-CODT0001	Preventive Maintenance - Carbon Monoxide Detection System	30-Day Carbon Monoxide Detection System	Inspect system and calibrate
			Check water levels, add if necessary
PM4583-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4583-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4583-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4583CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4583-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4583-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4583-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4583-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4583-CWP0003	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4583-CWP0004	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4583CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4583-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4583-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4583-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4583-DXAC0004	Preventive Maintenance - Direct Expansion Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4583-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4583-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4583-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4583-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4583-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-FAN0001	Preventive Maintenance - Booster Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4583-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4583-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4583-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4583-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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PM4583-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4583-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4583-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4583-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4583HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4583-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4583LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4583-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4583-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0023	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-LTS0024	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4583-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work
		180-Day: Oxygen Detection System, Dry Cell	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4583-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4583-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4583-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4583-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4583-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
		1095-Day Breaker Exercising Maintenance (John Davis)	Install knockout hole plugs as necessary
PM4583-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4583-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4583-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4583-RAF0004	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4583-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4583-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4583-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4583-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4583-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4583-RV0006	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4583-SH0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-SH0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4583-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4583-UPS0002	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4584LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4584-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4584-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4584-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4585-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4585-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4585-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4585-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
PM4585-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4585LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4585-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4585-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4585-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4585-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4585-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4585-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4585-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4586-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Water-Cooled	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Water-Cooled	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
PM4586-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4586-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4588-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4588-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4588-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4588-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4588LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4588-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4588-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4588-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4588-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4588-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4588-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4588-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4588-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4596-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4596-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4596-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4596-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4596-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4596-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4596LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4596-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4596-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4596-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4596-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4598LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4600-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4600-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4600-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4600-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4600-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4600-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4600-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4600-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4600DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4600-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
		180-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Check hoistway terminal limits
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4600-ELEV0002	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
		180-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Check hoistway terminal limits
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4600-ELEV0003	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
		180-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Check hoistway terminal limits
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4600-ELEV0004	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
		180-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Check hoistway terminal limits
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4600-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report all deficiencies.
PM4600-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4600-ERU0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4600-ERU0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4600-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
			Perorm all work after core hours.
PM4600-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0004	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0006	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FILT0007	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4600-FIRP0001	Preventive Maintenance - Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating

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PM4600-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts

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			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4600-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4600-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4600-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4600HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4600LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4600-LP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4600-LP0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LP0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0042	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0043	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0044	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0045	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0046	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0047	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0048	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0049	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0050	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0051	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0052	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0053	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0054	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0055	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0056	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0057	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0058	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0059	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0060	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0061	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0062	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0063	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0064	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0065	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0066	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0067	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0068	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0069	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0070	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0071	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0072	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0073	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0074	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0075	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0076	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0077	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0078	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0079	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0080	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0081	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0082	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0083	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0084	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0085	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0086	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0087	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0088	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0089	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0090	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0091	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0092	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0093	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0094	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0095	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0096	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0097	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0098	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0099	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0100	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0101	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0102	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0103	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0104	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0105	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0106	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0107	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0108	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0109	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LTS0110	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4600-LWP0001	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4600-LWP0002	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4600-PMP0001	Preventive Maintenance - Jockey Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4600-PMP0002	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4600-PMP0003	Preventive Maintenance - Potable Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4600-PP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-PP0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-PP0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-PP0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-PP0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4600-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4600-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4600-RAF0003	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4600-RAF0004	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4600-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4600-RP0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4600-RP0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-RP0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4600-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0003	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0004	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0005	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0006	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0007	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0008	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0009	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0010	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0011	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0012	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0013	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0014	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0015	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4600-VSC0016	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4604-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4604-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4604-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
PM4604LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4604-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4604-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4604-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4604-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4604-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4604-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4604-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4605-ADRY0001	Preventive Maintenance - Air Dryer	180-Day: Air Dryer, Desiccant Type	Check humidity alarm operation
			Change all filters
			Check compressor pressure switch set point
			Check back pressure regulator set point
		60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
PM4605-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4605-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4605-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4605-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4605-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4605-BLR0001	Preventive Maintenance - Electric Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4605-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4605-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4605-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4605-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
PM4605-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4605-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4605CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4605-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4605-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-EW0005	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-EW0006	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4605-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4605-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4605-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4605-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4605-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4605-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4605-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output

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			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4605-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4605-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4605-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4605-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
			Check drive coupling
PM4605-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4605HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4605LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4605-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4605-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4605-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4605-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4605-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4605-LTS0006	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4605-ODT0001	Preventive Maintenance - Oxygen Detection System		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4605-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4605-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4605-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4605-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4605-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4605-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4605-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4605-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4605-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4607-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4607-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4607-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4607-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4607-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0013	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0014	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0015	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0016	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0017	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0018	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0019	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0020	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0021	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0022	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0023	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-EAF0024	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4607-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4607-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4607-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4607LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4607-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4607-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4607-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4607-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4607-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4608LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4608-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4608-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4610-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4610-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4610-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4610-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4610-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4610-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0009	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0013	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0021	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0022	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0023	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0024	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0025	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4610-AH0026	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0030	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0031	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0040	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0041	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH0042	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0043	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH0044	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4610-AH00B1	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH00B2	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-AH00B3	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4610-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4610-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4610-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4610-BFP0003	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4610-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Electric Boiler	Clean control box
			Check for leaks
			Lift safety valves, check dampers and stack
			Check flow or limit switches
		365-Day: Electric Boiler	Clean control box
			Check for leaks
			Lift safety valves, check dampers
			Clean interior and exterior of boiler
			Check flow or limit switches
PM4610-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/sealed blower motor)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4610-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0009	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0010	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0013	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0014	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0015	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-CRU0017	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4610-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4610-DOOR0002	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4610-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4610-DPIP0001	Preventive Maintenance -Drain Pipe	30-Day Drain Pipe	Clean Drain
			Obtain Tri-Chem Orange solvent from dayshift ORG# 2320
			Pour Tri-Chem in floor drains and let activate for two hours
			Flush each drain with hot water using sewer sock for ten minutes
			Repeat entire process
PM4610-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4610-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4610-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4610-DXAC0005	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4610-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4610-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4610-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4610-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4610-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4610-ELEV0004	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Computer Controls	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4610-ELEV0005	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Manual Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
PM4610-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4610-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System (Night Shift)	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
			Perorm all work after core hours.
PM4610-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0004	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0006	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0007	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0008	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0009	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0010	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0011	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0012	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0013	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0014	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0015	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0016	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0017	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0018	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0019	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0020	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0021	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0022	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0023	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0024	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0025	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0026	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0027	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0029	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0032	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0033	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0036	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4610-FILT0037	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0041	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0042	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0044	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4610-FILT0045	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0047	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0048	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-FILT0100	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4610-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4610-FSS0002	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form

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		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4610-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4610-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4610-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610-HWP0004	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610-HWP0005	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610-HWP0006	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check drive coupling
PM4610-HWP0007	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4610HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0002	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0003	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0004	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0005	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4610HWTR0006	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0007	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4610HWTR0008	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4610HWTR0009	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4610-KVHD0001	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4610-KVHD0002	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4610LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4610-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
		180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
		365-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4610-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
		180-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
		365-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4610-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4610-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4610-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4610-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0042	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0043	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0044	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0045	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0046	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0047	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-LTS0048	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4610-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4610-PIU0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-PIU0002	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4610-PIU0003	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-PIU0004	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-PIU0005	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4610-PMP0001	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4610-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4610-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4610-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4610-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4610-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4610-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4610-RAF0003	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0004	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0005	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0011	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0012	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0021	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0022	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0023	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-RAF0031	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4610-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4610-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4610-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4610-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4610-SPMP0001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Check coupling and drives
PM4610-SPMP0002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4610-SPMP0003	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4610-SPMP0004	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4610-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4610-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4610-SPR0003	Preventive Maintenance - Stand Pipes	30-Day Stand Pipe Inspection	Perform PM
		365-Day: Stand Pipe Inspection	Perform PM
PM4610-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0005	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0006	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0007	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0008	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4610-VSC0009	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4611-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4611-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4611-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4611-ACMP0002	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4611-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4611LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4611-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4611-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4611-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4611-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4611-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4611-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4611-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4611-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612A-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612A-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612A-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612A-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612A-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612A-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612A-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612A-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612A-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612A-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612A-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612A-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4612-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4612-ACFLT0009	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4612A-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4612A-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4612-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4612-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4612-ACMP0009	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4612-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4612-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4612-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4612A-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612A-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612A-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612A-HWP0004	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612A-HWP0005	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612A-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612A-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4612A-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4612-ATS0003	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4612-ATS0004	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4612-ATS0005	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4612B-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612B-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612B-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612B-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612B-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612B-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612B-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612B-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4612B-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4612B-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4612B-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4612B-CRU0004	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4612B-CRU0005	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4612B-CRU0006	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4612-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4612-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4612B-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check drive coupling
PM4612B-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612B-HWP0007	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612B-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612B-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612B-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612B-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612B-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4612B-LTS0006	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4612B-LTS0007	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4612B-LTS0008	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
PM4612B-RAF0001	Preventive Maintenance - Return Air Fan	365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4612C-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612-CHLR0001	Preventive Maintenance - Air-Cooled Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4612C-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4612C-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4612C-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4612-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary

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			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4612-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4612-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4612-CRU0006	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4612D-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4612D-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4612D-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4612D-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612D-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612D-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4612-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4612-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4612-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4612-DOOR0004	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4612-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4612-DOOR0007	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4612-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4612-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4612-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0013	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0014	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0015	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-EAF0016	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4612-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4612-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0014	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EROOM0015	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4612-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-EW0003	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4612-EW0004	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4612-EW0005	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4612-EW0006	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-FAN0001	Preventive Maintenance - Booster Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4612-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
		30-Day: Fire Alarm System	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-FILT0051	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4612-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4612-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4612-HDT0002	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4612-HP0007	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4612-HP0008	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4612-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign mechanical inspection form
PM4612-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4612-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4612-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4612-HST0006	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4612-HWP0005	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4612HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4612HWTR0002	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4612-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4612LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4612-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-ODT0005	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-ODT0006	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-ODT0007	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4612-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4612-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4612-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
		1095-Day Breaker Exercising Maintenance (Bobby Collier)	Install knockout hole plugs as necessary
PM4612-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4612-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0093	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0094	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0095	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0096	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0097	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0098	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0099	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0100	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0101	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4612-PNL0102	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0103	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0104	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0105	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0106	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0107	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0108	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0109	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0110	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0111	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0112	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0114	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0116	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0117	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0118	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0119	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4612-PNL0120	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0121	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-PNL0122	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4612-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4612-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4612-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4612-RV0009	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4612-SGND0001	Preventive Maintenance -Static Ground System	90-Day: Static Ground System	Check and record resistance readings
			Attach and turn in ground readings with PM sheet
PM4612-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-SHEW0005	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0006	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0007	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0008	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0009	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0010	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0011	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0012	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SHEW0013	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4612-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4612-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4612-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4612-SPR0004	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4612-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4613-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4613-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4613-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4613-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4613-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4613-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4613-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4613-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4613-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4613-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4613-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4613-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4613-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4613-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4614-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4614-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4614-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4614CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4614-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4614-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4614-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4614-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4614-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4614-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4614-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4614-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4614-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4614-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4614LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4614-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4614-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4614-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4614-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4614-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4614-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4614-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4614-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4614-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4614-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4616-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4616LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4616-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4616-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4616-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4616-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4616-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4617LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4617-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.

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			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4617-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4617-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4617-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4617-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4618-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4618-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4618-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Desiccant Type	Check humidity alarm operation
			Change all filters
		180-Day: Air Dryer, Desiccant Type	Check humidity alarm operation
			Change all filters
			Check compressor pressure switch set point
			Check back pressure regulator set point
		365-Day: Air Dryer, Desiccant Type	Check humidity alarm operation
			Change all filters
			Check compressor pressure switch set point
			Check back pressure regulator set point
			Check back pressure
PM4618-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils

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PM4618-AH0001	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4618-AH0002	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4618-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4618-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4618-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4618-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4618-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4618-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4618-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4618-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean, test, and calibrate smoke detectors if applicable
PM4618-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4618-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4618-FILT0003	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4618-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4618-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4618-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4618-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4618HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4618LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4618-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4618-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4618-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4618-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4618-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4618-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4618-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4618-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4618-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4618-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4618-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4618-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4618-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4619-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4619-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4619-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4619-ACFLT0006	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4619-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4619-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4619-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4619-ACMP0006	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4619-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean condenser coils
PM4619-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4619-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4619-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH0023	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH0024	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH0030	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH0031	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0032	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0033	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0034	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0035	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0036	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0037	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-AH0038	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH0039	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH0040	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH0041	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4619-AH0042	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4619-AH005A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH005B	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH006A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4619-AH00B1	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-AH00B2	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4619-AH00B3	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4619-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4619-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4619-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4619-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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PM4619-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0006	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0007	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRN0008	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-CRU0005	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary.
			Check and lubricate bearings as necessary.
			Check safety interlocks
PM4619-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4619-DOOR0002	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4619-DOOR0003	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4619-DOOR0004	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4619-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0006	Preventive Maintenance - Roll-Back Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4619-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0012	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0014	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0015	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4619-DOOR0016	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0017	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0018	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0019	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0020	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0021	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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PM4619-DOOR0022	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0023	Preventive Maintenance - Roll-Back Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4619-DOOR0024	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0025	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4619-DOOR0026	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0027	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0028	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0029	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0030	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4619-DOOR0031	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0032	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DOOR0033	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4619-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4619-DXAC0005	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4619-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4619-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4619-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4619-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4619-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4619-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
		180-Day: Equipment Room Cleaning	Check area for control air leaks.
		180-Day: Equipment Room Cleaning	Check area for water leaks.
		180-Day: Equipment Room Cleaning	Report all deficiencies.
PM4619-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4619-EW0001	Preventive Maintenance - Safety Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4619-EW0002	Preventive Maintenance - Safety Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4619-EW0003	Preventive Maintenance - Safety Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4619-EW0004	Preventive Maintenance - Safety Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4619-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4619-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0004	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4619-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0010	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4619-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0019	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0021	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4619-FILT0022	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4619-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0005	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0006	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0007	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0008	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0009	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0010	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0011	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0013	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0014	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0015	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0016	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0017	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HST0019	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4619-HUM0001	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0002	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0003	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0004	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0005	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0006	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0007	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0008	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0009	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0010	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-HUM0011	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0012	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0013	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0014	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0015	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0016	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0017	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0018	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0019	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HUM0020	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.

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			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4619-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-HV0011	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0012	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0013	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0014	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0015	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0016	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV0018	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV001A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV001B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV002A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV003A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV004A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV005A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV006A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV006B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV006C	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV007A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV007B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV007C	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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PM4619-HV008A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV009A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV010A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV010B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV011A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV011B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV012A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV013A	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HV013B	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4619-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619-HWP0005	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619-HWP0006	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619-HWP0007	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619-HWP0008	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4619HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4619-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4619-ICE0002	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4619-ICE0003	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4619LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4619-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4619-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4619-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4619-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4619-LTS0005	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4619-LTS0006	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4619-LTS0009	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4619-LTS0011	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4619-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4619-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0042	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0043	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0044	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0045	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0046	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0047	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0048	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0050	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0051	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0052	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0053	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0054	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0055	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0056	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0057	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0058	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0059	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0060	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0063	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0065	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0067	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0068	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0069	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0070	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0071	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0072	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0073	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0074	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0075	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4619-LTS0076	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0077	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0079	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-LTS0081	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4619-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4619-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4619-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4619-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4619-ODT0005	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4619-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4619-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0093	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0094	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0095	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0096	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0097	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0098	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0099	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0100	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0101	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0102	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0103	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0104	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0105	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0106	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0107	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0108	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0109	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0110	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0111	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0112	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0113	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0114	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0115	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0116	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0117	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0118	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0119	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0120	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0121	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0122	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0123	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0124	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0125	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0126	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0127	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0128	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0129	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0130	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0131	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0132	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0133	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0134	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0135	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0136	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0137	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0138	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0139	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-PNL0140	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0141	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0142	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0143	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0144	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0145	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0146	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0147	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0148	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0149	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0150	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-PNL0151	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4619-RAF0006	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4619-RAF0023	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-RAF0024	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4619-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0013	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0014	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0015	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0016	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0017	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0018	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0019	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0020	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0021	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0022	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0023	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0024	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0025	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-ROOF0026	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4619-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4619-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4619-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4619-RV0006	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4619-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4619-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4619-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Date and initial inspection tag
PM4619-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPMP003	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPMP004	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPMP005	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPMP006	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4619-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4619-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4619-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4619-VSC0001	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4619-VSC0002	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4619-VSC0003	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4619-VSC0004	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4619-VSC0005	Preventive Maintenance - Variable Speed Drive	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4619-WJET0001	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4620-FILT0001	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4620-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request Lubricate shaft and motor bearings as necessary Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4620LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting Inspect all Parking Lot Lighting Report Findings to Electrical Supervisor
PM4620-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell 180-Day: Emergency Lights - Dry Cell 365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head Perform 30 second light operational test Clean exterior of emergency light and lamp head Clean interior of light housing, check battery terminals Perform 30 second light operational test Clean exterior of emergency light and lamp head Check condition of battery and replace if necessary Perform 1.5 hour operational test Clean interior of light housing, check battery terminals
PM4620-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects. Apply insecticides or poisons as required. Complete chemical applications records.
PM4620-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4620-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4620-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4620-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4620-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4620-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4621-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4621-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4621-AH0001	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4621-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4621-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4621-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4621-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4621-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4621-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4621-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4621-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4621-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4621-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4621-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Wet Sprinkler System PM	Perform PM
PM4622-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4622-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4622-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4622LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4622-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4622-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4622-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4622-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4622-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4623-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4623-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4623-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0013	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-AH0015	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4623-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4623-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4623-CHLR0002	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4623-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4623-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4623CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4623-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4623-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4623-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4623-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4623-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0012	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4623-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4623-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4623-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4623-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4623-EW0004	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4623-EW0005	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4623-EW0006	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4623-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable

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PM4623-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4623-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4623-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4623-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4623-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request

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			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4623LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4623-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4623-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4623-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4623-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4623-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4623-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4623-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4623-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4623-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4623-SH0001	Preventive Maintenance - Portable Eyewash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4623-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4623-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4623-SHEW0003	Preventive Maintenance - Portable Eyewash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4623-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4623-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4623-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4624-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4624-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4624-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4624-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4625-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4625-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4625-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4625-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete chemical applications records.
PM4625-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4625-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4626-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4626LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4626-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4626-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4627-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4627-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4627-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4627-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4627-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4627-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4627-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4627-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4627-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4627-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4627-SLPMP001A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4627-SLPMP001B	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4628-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4628-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4628-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4628-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4628-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4628-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4628-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4628-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4628-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4628-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4628-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4628-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4628-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4628CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4628-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4628-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4628-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4628CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4628-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4628-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4628-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4628-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4628-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4628-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4628-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4628-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4628-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4628-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4628-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4628-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4628-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4628-HST0005	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4628LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4628-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4628-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4628-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4628-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4628-PMP0001	Preventive Maintenance - Circulating Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4628-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4628-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4628-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4628-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4628-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4628-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4628-SH0002	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4628-SH0003	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4628-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4629-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4629-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4629-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4629-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4629-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4629-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4629-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4629-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4629-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4629-DXAC0005	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4629-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4629-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4629-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4629-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4629-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4629-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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PM4629-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4629-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4629-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4629-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.

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			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4629LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4629-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4629-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4629-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4629-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4629-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4629-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4629-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4630-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4630-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4630-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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PM4630-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4630-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4630-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4630-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4630-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4631-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4631-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4631-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4631-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4631-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4631-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4631-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4631-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4631-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4631-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4631-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4631-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary

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			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4631-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized

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			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4631-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4631-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4631-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4631-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.

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			If any problems are found issue work request
PM4631-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4631-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4631-HUM0001	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4631-HUM0002	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4631-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4631-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
			Check condition of battery
PM4631-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4631-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4631-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4631-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4631-LTS0040	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4631-LTS0041	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4631-LTS0042	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
PM4631-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4631-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Service and Tag Relief Valve
			Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
PM4631-SAF0002	Preventive Maintenance - Supply Air Fan		Lubricate as necessary
		90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary

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PM4631-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4631-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4631-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4631-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4631-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4631-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4631-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4631-VSC0005	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4635-1-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4635-1-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4635-2-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4635-3-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4635-3-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4635-4-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4635-4-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4635LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4635-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4638-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4638-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4638-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4638-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4638-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4638-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4638LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4638-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4638-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete chemical applications records.
PM4638-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4638-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4638-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4638-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4639-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4639-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4639-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4639-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4639LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4639-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4639-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4639-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4639-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4639-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4639-SH0002	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4640-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4640-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4640-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4640-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4640-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4640-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4640-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4640-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4640-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts, or drive coupling if applicable, change if necessary.
			Check stop switch.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4640LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4640-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4640-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4640-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4640-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4640-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4641-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4641LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4641-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4641-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4641-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4641-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4641-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4641-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4642-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4642LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4642-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4642-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4642-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4642-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4642-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4642-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4643-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4643-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4643-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4643LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4643-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4643-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4643-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4643-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4643-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4643-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4644-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4644-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4644-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4644-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4644-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4645-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4645-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4645LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4645-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4645-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4645-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4645-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4645-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4645-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4645-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4646-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4646-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4646-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4646-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4646-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4646-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4646-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4646-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4646-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4646-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4646LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4646-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4646-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4646-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4646-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4646-REC0001	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4646-REC0002	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4646-REC0003	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4646-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4646-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4648-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4648-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4648-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4648-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed Blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4648-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4648-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4648-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4648LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4648-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4648-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4648-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4648-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4648-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4648-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4648-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4648-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4648-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4648-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4648-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4648-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4648-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4649-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4649-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4649-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4649-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4649-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4649-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4649-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4649-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4649-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4649-DXAC0005	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4649-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4649-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4649-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4649-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4649-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4649-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4649-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4649-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4649-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4649-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4649LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4649-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4649-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4649-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4649-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4649-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4649-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4649-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4649-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4650-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4650-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4650-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4650-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4650-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4650-ACMP0005	Preventive Maintenance - Air Compressor Sprinkler	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4650-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-AH0004	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4650-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4650-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-AH004A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4650-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4650-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4650-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4650-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4650-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0006	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0007	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-CRN0008	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4650-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4650-DOOR0007	Preventive Maintenance - Roll-Up Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check emergency release mechanisms (where applicable)
PM4650-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4650-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4650-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4650-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Clean condenser and evaporator coils
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check safety interlocks
PM4650-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4650-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4650-FAC0002	Preventive Maintenance - Radial Arm Drill Press	90-Day: Machine Shop Equipment, Lubrication	Lubricate as necessary.
PM4650-FAC0004	Preventive Maintenance - Horizontal Milling Machine	90-Day: Machine Shop Equipment, Lubrication	Lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-FAC0007	Preventive Maintenance - Lathe	90-Day: Machine Shop Equipment, Lubrication	Lubricate as necessary.
PM4650-FAC0054	Preventive Maintenance - Metal Brake Machine	30-Day: Facilities Metal Brake Machine	Lubricate as necessary
		90-Day: Facilities Metal Brake Machine	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAC0055	Preventive Maintenance - Metal Brake Machine	30-Day: Facilities Metal Brake Machine	Lubricate as necessary
		90-Day: Facilities Metal Brake Machine	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAC0056	Preventive Maintenance - Metal Brake Machine	30-Day: Facilities Metal Brake Machine	Lubricate as necessary
		90-Day: Facilities Metal Brake Machine	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAC0071	Preventive Maintenance - Bending Press	90-Day Facilities Bending Press	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Check oil, add or change if necessary
PM4650-FAC0073	Preventive Maintenance - Bending Press	90-Day Facilities Bending Press	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Check oil, add or change if necessary
PM4650-FAC0074	Preventive Maintenance - Brake Press	90-Day Facilities Brake Press	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
PM4650-FAC0077	Preventive Maintenance - Hand Bending Press	90-Day Facilities Hand Bending Press	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAC0078	Preventive Maintenance - Hand Bending Press	90-Day Facilities Hand Bending Press	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAC0084	Preventive Maintenance - Disc Sander	90-Day Facilities Disc Sander	Lubricate as necessary
			Check operation and controls. If any problems are found issue work request
PM4650-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4650-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4650-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4650-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4650-FILT0017	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0018	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0019	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0020	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0021	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0022	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0023	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0024	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0025	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0026	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0027	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0028	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0029	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0030	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0031	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0032	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0033	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0034	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0035	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0036	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-FILT0037	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4650-HP0002	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4650-HST0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0005	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
			Check operation and controls. If any problems are found issue work request
PM4650-HUM0006	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0007	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0008	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-HUM0009	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0010	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HUM0011	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4650-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0011	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0012	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0013	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0014	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0015	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0016	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0017	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0018	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0019	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0020	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HV0021	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4650-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4650-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4650-HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4650-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter

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			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4650LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4650-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4650-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4650-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4650-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4650-PCHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4650-PCHLR0002	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.

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			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4650-PCHLR0004	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4650-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4650-PGEN0001	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0002	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0003	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-PGEN0006	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0007	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0008	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0011	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0012	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switchand emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0013	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PGEN0014	Preventive Maintenance - Emergency Generator	30-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
		90-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
		365-Day: Portable Generator	Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary
			Check coolant if applicable, add or change if necessary
			Check stop switch and emergency alarm bell
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage
			Check battery if applicable
			Check connections and battery charger if applicable
			Check generator output
			Load test
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
PM4650-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4650-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
		1095-Day Breaker Exercising Maintenance (Bobby Collier)	Install knockout hole plugs as necessary
PM4650-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4650-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4650-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4650-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4650-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4650-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4650-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4650-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4650-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4650-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4650-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4653-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4653-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4653-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4653-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4653-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4653-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4653-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4653-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4653-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4653-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4653-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4653-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4653-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4653-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary

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			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4653-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4653-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4653-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4653-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4653CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4653-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4653-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4653-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4653-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4653-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4653-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4653-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4653-EW0001	Preventive Maintenance - Safety Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Date and initial inspection tag
PM4653-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4653-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4653-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4653-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4653-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4653-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4653-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4653-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4653-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4653-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4653-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4653HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4653HWTR0002	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4653HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4653HWTR0004	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4653HWTR0005	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4653HWTR0006	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4653LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4653-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4653-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4653-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4653-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4653-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4653-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4653-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4653-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4653-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4653-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4653-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4653-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4653-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4653-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4653-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4653-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4654-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4654-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4654-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4654-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4654-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4654-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4654-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4654-LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4654-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4654-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4654-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4654-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4654-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4654-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4654-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4654-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4654-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4654-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4654-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4654-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4655-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4655-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4655-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4655-CNDP0003	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4655-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4655-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4655-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4655-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4655-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4655-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4655-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4655-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4655-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4655-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4655-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4655-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4655-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4655-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4655-HP0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4655LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4655-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4655-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4655-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4655-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4655-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4655-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4655-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4655-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4655-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4655-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4655-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4655-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4655-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4656-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4656-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4656-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4656-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4656-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4656-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4656-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4656-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4656-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4656-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4656-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4656-CNDP0003	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4656-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4656-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4656CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4656-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4656-DOOR0002	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4656-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4656-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4656-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4656-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4656-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4656-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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			Clean, test, and calibrate smoke detectors if applicable
PM4656-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4656-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4656-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4656-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4656-FILT0005	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4656-FILT0006	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4656-FILT0007	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4656-FILT0008	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4656-FILT0009	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4656-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4656-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4656-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4656-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4656-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4656-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4656LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4656-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4656-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4656-ODT0003	Preventive Maintenance - Oxygen Detection System	180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
		30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4656-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4656-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4656-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4656-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4656-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4656-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4656-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4656-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4657LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4657-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4657-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4657-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4657-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4657-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4657-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4657-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4657-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4658LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4658-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4658-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4658-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4658-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4659-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4659-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4659-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4659-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4659-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4659-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4659-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4659-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4659-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4659-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4659-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4659-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4659-LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4659-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4659-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4659-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4659-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4659-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4659-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4659-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4659-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4659-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4659-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4659-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4659-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4659-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4659-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4659-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4659-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag

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PM4659-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4660-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4660-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4660-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4660-BLR0002	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4660-BLR0003	Preventive Maintenance - Steam Boiler	30-Day: Boiler, Steam	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary
			Check chemical controls and water analysis
			Lift safety valves, check dampers and stack
		90-Day: Boiler, Steam	Clean control box
			Lubricate as necessary
			Check for leaks
			Inspect and clean scanner, adjust if necessary
			Check chemical controls and water analysis
			Lift safety valves, check dampers and stack
			Clean interior and exterior of boiler
			Check turbine flues and clean furnace
			Clean burner, filters and strainers
			Check flow or limit switches
PM4660-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4660-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4660-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4660-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4660-FWP0003	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4660-HTR0001	Preventive Maintenance - De-Aerating Heater	30-Day De-Aerating Heater	Check Operations and Controls. If any problems are found issue work request
			Check Water and Air Pressure
			Inspect and Clean Panels
			Check float valve
			Check tank for leaks
		90-Day De-Aerating Heater	Check Operations and Controls. If any problems are found issue work request
			Check Water and Air Pressure
			Inspect and Clean Panels
			Check float valve
			Clean Pump Inlet Strainer
			Check tank for leaks
		365-Day: De-Aerating Heater	Check Operations and Controls. If any problems are found issue work request
			Check Water and Air Pressure
			Inspect and Clean Panels
			Check float valve
			Clean Pump Inlet Strainer
			Lubricate as Necessary
			Check tank for leaks
PM4660LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4660-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4660-PBLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through Clean boiler area, if necessary
PM4660-PBLR0003	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through Clean boiler area, if necessary
PM4660-PBLR0004	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through Clean boiler area, if necessary
PM4660-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects. Apply insecticides or poisons as required. Complete chemical applications records.
PM4660-PMP0001	Preventive Maintenance - Fuel Pump	90-Day: Pump 180-Day: Pump	Check operation and controls. If any problems are found issue work request Check for proper operation of pump. If any problems are found issue work request Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary. Lubricate pump and motor as necessary
PM4660-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4660-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4660-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4660-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4660-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4660-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request Flush system for 2 minute minimum Date and initial inspection tag
PM4661LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting Inspect all Parking Lot Lighting Report Findings to Electrical Supervisor
PM4661-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate Check water levels if applicable, add if necessary Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4661-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects. Apply insecticides or poisons as required. Complete chemical applications records.
PM4661-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times Install knockout hole plugs as necessary
PM4661-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663A-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4663A-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663A-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
PM4663A-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Clean condenser coils
			Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
PM4663A-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check air bleed valves for proper operation where applicable
			Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
PM4663A-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check air bleed valves for proper operation where applicable
			Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
PM4663A-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check air bleed valves for proper operation where applicable
			Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663A-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-AH002A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-AH021A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663A-AH021B	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663A-AH022A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-AH022B	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663A-AH023A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663A-AH023B	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663A-AH0B3B	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663A-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663AB-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663A-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4663A-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663A-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4663A-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Inspect drains for proper flow and clarity.
			Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
PM4663A-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Clean drain pans, vacuum drains, and insure drain clarity
			Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
			Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
PM4663A-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
			Check operation and controls. If any problems found then issue work request.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
			Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
PM4663A-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
			Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.

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		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663A-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663A-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663A-CRU0009	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663A-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4663A-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4663A-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4663A-KVHD0001	Preventive Maintenance - Vent Hood	30-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4663A-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4663A-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663A-PNL0001	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0002	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0003	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0004	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0006	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0007	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0008	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0009	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0010	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0011	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0012	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0013	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0014	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0015	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0016	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0017	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0018	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0019	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663A-PNL0020	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0021	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0022	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0023	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0024	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0025	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0026	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0027	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0028	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0029	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0030	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0031	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0032	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0033	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0034	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0035	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0036	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0037	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0038	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0039	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0040	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0041	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0042	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0043	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0044	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0045	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0046	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0047	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0048	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4663A-PNL0049	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0050	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0051	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0052	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0053	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0054	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0055	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0056	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0057	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0058	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0059	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0060	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0061	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0062	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0063	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0064	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0065	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0066	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0067	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663A-PNL0068	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0069	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0070	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0072	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0073	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-PNL0074	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663A-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4663A-RAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4663A-RAF021A	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663A-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663A-SAF0008	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4663A-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4663A-SPMP0002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663A-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663A-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663A-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4663A-SWGR0001	Preventive Maintenance- Switch Gear (4663 Outage)	365-Day: Switch Gear (4663 Outage)	Operate Switch/Breakers
			Clean Contacts and Components
			Check Lugs for Tightness
PM4663A-SWGR0002	Preventive Maintenance- Switch Gear (4663 Outage)	365-Day: Switch Gear (4663 Outage)	Operate Switch/Breakers
			Clean Contacts and Components
			Check Lugs for Tightness
PM4663A-SWGR0003	Preventive Maintenance- Switch Gear (4663 Outage)	365-Day: Switch Gear (4663 Outage)	Operate Switch/Breakers
			Clean Contacts and Components
			Check Lugs for Tightness
PM4663A-UPC0002	Preventive Maintenance- Unit Power Center (4663 Outage)	365-Day: Unit Power Center (4663 Outage)	Operate Switch/Breakers
			Clean Contacts and Components
			Check Lugs for Tightness
PM4663A-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4663A-XFMR0007	Preventive Maintenance - Transformer (4663 Outage)	365-Day: Transformer	Perform heat scan
			Clean interior
			Check all connections
			Check core assembly for arcing for overheating
			Check voltage
PM4663B-ACFLT001A	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663B-ACFLT001B	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663B-ACFLT002A	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663B-ACFLT002B	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663B-ACMP001A	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663B-ACMP001B	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663B-ACMP002A	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663B-ACMP002B	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663B-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4663B-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4663B-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663B-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663B-AH0013	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663B-AH0014	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663B-AH00B1	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663B-AH00B3	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663B-ATS0003	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663B-ATS0004	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663B-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4663B-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4663B-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4663B-BATB0006	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4663B-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4663B-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4663B-BFP0003	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4663BC-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663BC-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663BC-ATS0003	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663BC-ATS0004	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663B-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4663B-CCTWR0002	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4663B-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4663B-CHLR0003	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4663B-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0009	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0010	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0011	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0012	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0013	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0014	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0015	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0022	Preventive Maintenance - Computer Room Unit	30-Day Critical Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4663B-CRU0023	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU0024	Preventive Maintenance - Computer Room Unit	30-Day Critical Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
		90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4663B-CRU0025	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU00B4	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU00B5	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/sealed blower motor)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU00B6	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary

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			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CRU00B7	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663B-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4663B-CTWR0002	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4663B-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4663B-CTWRC0002	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4663B-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4663B-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4663B-CWP0003	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4663B-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4663B-DXAC0002	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4663B-DXAC0003	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4663B-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663B-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4663B-ELEV0002	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4663B-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
		30-Day: Fire Alarm System	Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4663B-FILT0001	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663B-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4663B-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4663B-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4663B-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663B-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4663B-PNL0001	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0002	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0003	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0004	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4663B-PNL0005	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0006	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0007	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0008	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0009	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0010	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0011	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0012	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0013	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0014	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0015	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0016	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0017	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0018	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0019	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0020	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0021	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0022	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0023	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663B-PNL0024	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0025	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0026	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0027	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0028	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0029	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0030	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0031	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0032	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0033	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0034	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0035	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0036	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0037	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0038	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0039	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0040	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0041	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0043	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0044	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0045	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0046	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0047	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0048	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0049	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0050	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0051	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0052	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0053	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4663B-PNL0054	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0055	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0056	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0057	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0058	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0059	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0060	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0061	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0062	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0063	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0064	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0065	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PNL0066	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663B-PRIP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4663B-PRIP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4663B-RCHLR0001	Preventive Maintenance - Operate Water Chiller	30-Day: Chiller, Operational Test	Transfer Chilled Water Load from Central Plant to Local Chiller and Operate for 24 Hour period.
			Report any Noted Deficiencies.
PM4663B-RCHLR0003	Preventive Maintenance - Water Chiller	30-Day: Chiller, Operational Test	Transfer Chilled Water Load from Central Plant to Local Chiller and Operate for 24 Hour period.
			Report any Noted Deficiencies.
PM4663B-RV001A	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663B-RV001B	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663B-RV002A	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663B-RV002B	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663B-SECP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4663B-SECP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4663B-SECP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4663B-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP002A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP002B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP003A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP003B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4663B-SPMP004	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request

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PM4663B-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4663B-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4663B-UPS0002	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4663B-UPS0006	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4663B-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4663B-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4663B-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4663B-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4663B-WJET0001	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4663C-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663C-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4663C-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.

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			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663C-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4663C-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4663C-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4663C-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check air bleed valves for proper operation where applicable
PM4663C-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663C-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663C-AH0006	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4663C-AH0007	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4663C-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663C-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4663C-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch (4663 1138-YARD ONLY)	Check automatic operation and controls
			Clean equipment
			Check all contacts and connections
			Rack Out Associated 4160 Breakers
PM4663C-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663C-ATS0003	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4663-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4663-CC0003	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4663-CC0004	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4663C-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type, Chilled Water Combination Unit, Air-Cooled	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Check and lubricate bearings as necessary
		90-Day: Critical Computer Room Type, Chilled Water Combination Unit, Air-Cooled	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
		180-Day: Critical Computer Room Type, Chilled Water Combination Unit, Air-Cooled	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4663C-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0009	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-CRU0010	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663C-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4663-CFC0002	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4663C-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4663C-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4663C-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4663C-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4663C-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4663C-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4663C-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663C-PNL0001	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0002	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0003	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0004	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0005	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0006	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0007	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0008	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0009	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0010	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0011	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0012	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0013	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0014	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0015	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0016	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0017	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0018	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0019	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4663C-PNL0020	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0021	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0022	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0023	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0024	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0025	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0026	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0027	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0028	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0029	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0030	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0031	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0032	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0033	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0034	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0035	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0036	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0037	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663C-PNL0071	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663C-RAF0001	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4663C-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663C-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663C-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4663CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	30-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4663CTTR0002	Preventive Maintenance - Cooling Tower Water Treatment	30-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4663C-XFMR0011	Preventive Maintenance - Transformer (4663 Outage)	365-Day: Transformer	Perform heat scan
			Clean interior
			Check all connections
			Check core assembly for arcing for overheating
			Check voltage
PM4663C-XFMR0012	Preventive Maintenance - Transformer (4663 Outage)	365-Day: Transformer	Perform heat scan
			Clean interior
			Check all connections
			Check core assembly for arcing for overheating
			Check voltage
PM4663D-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663D-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4663D-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663D-PNL0001	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0002	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0003	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0004	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0005	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0006	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663D-PNL0007	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0014	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0015	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0016	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0017	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0018	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0019	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0020	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0021	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0022	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0023	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0024	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-EROOM0025	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0026	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0027	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0028	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0029	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0030	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0031	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0032	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0033	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0034	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0035	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0036	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-EROOM0038	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0039	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0040	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0041	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-EROOM0042	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4663-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0015	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0019	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0020	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0021	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0022	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0023	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0024	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0025	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0029	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0032	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0033	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0034	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0036	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0037	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0039	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663-FILT0101	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0102	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0104	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0105	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0106	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0107	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0108	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0109	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0110	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0111	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4663-FILT0112	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-FILT0222	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4663-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4663-GEN0003	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4663-GEN0004	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Winterize system
		Verify continuity of generator ground, including the fuel tank ground

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4663-GEN0005	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4663HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4663LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4663M-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663M-AH0002	Preventive Maintenance - Air Handling Unit	90-Day: Mini-Mate Air Handling Unit, Chill Water	Check controls and unit for proper operation. If any problems are found then issue work request.
			Lubricate shaft and motor bearings as necessary.
PM4663M-AH0003	Preventive Maintenance - Air Handling Unit	90-Day: Mini-Mate Air Handling Unit, Chill Water	Check controls and unit for proper operation. If any problems are found then issue work request.
			Lubricate shaft and motor bearings as necessary.
PM4663M-AH0015	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4663M-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4663M-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4663M-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4663M-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663M-CRU0009	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU001A	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU001B	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-CRU001C	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4663M-CRU001D	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4663M-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4663M-EW0002	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4663M-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4663M-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663M-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663M-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663M-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663M-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4663M-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4663M-PNL0001	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0002	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0003	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0004	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0005	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0006	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0007	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0008	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0009	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0010	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0011	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0012	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0013	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness
			Check panel schedule
PM4663M-PNL0014	Preventive Maintenance - Panel Board (4663 Outage)	365-Day: Panel Board (4663 Outages)	Exercise breakers
			Check wires for proper lacing; lace as necessary
			Install knockout hole plugs as necessary
			Check all terminations for tightness

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check panel schedule
PM4663M-SWGR0001	Preventive Maintenance- Switch Gear (4663 Outage)	365-Day: Switch Gear (4663 Outage)	Operate Switch/Breakers
			Clean Contacts and Components
			Check Lugs for Tightness
PM4663M-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4663-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4663-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0013	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0014	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0015	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0016	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0017	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0018	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0019	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0020	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0021	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0022	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-ROOF0023	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4663-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4663-SLPPM0001	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4665-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4666-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4666-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4666-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4666-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4666-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4666-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4666-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4666-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4666-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4666-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4666-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4666-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4666-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4666-CHWP0003	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4666-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CNDP0003	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CNDP0004	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CNDP0005	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CNDP0006	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4666-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4666-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4666-CRU0003	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4666-CRU0004	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4666-CRU0005	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4666CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4666-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4666-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4666-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4666-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4666CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4666-DOOR0001	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4666-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4666-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4666-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4666-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4666-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4666-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4666-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4666-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4666-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4666-FILT0011	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4666-FILT0012	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4666-FILT0013	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4666-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4666-HV00B2	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4666-KVHD0001	Preventive Maintenance - Vent Hood	90-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
			Check for abnormal grease build-up, clean if necessary
PM4666LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report Findings to Electrical Supervisor
PM4666-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4666-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.

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			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4666-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4666-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4666-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4666-RMON0001	Preventive Maintenance - Refrigerant Monitoring System	90-Day: HCFC Refrigerant Monitoring System	Notify UCS that system will be under test before performing maintenance on system
			Check Calibration of each sensor, Recalibrate as necessary
			Check/Verify operation of safety equipment (audio/visual warning equipment, exhaust ventilation equipment)
			Note any sensors that required adjustment
PM4666-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4666-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4666-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4666-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4666-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4666-WFTN0001	Preventive Maintenance - Water Fountains	30-Day: Water Fountain	Verify Timer Operation.
			Check Battery in Timer.
			Verify Water Flow.
PM4667-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4667-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4667-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4667-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4667-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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PM4667-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4667-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4667-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4667-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4667-FILT0002	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0003	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0004	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0005	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0006	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0007	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4667-FILT0008	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary

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PM4667-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4667LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4667-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4667-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4667-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4667-PMP0001	Preventive Maintenance - Fuel Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4667-PMP0002	Preventive Maintenance - Fuel Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4667-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4667-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4667-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4667-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4667-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4667-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4667-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0003	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0004	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0005	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0006	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0007	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0008	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0009	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0010	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0011	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0012	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0013	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SAF0014	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4667-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4667-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4667-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4667-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coupling and drives
PM4667-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4670-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4670-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4670-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4670-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4670-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4670-AH0005	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request

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			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4670-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4670-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4670-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4670-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4670-BATB0004	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4670-BATB0006	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4670-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4670-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4670-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4670-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4670-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4670-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4670-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4670-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4670-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4670-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4670-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4670-CRU0002	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4670-CRU0003	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4670-CRU0004	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4670-CRU0005	Preventive Maintenance - Air Handling Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4670CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4670-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4670-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4670-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4670-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check drive coupling.
PM4670-DERK0001	Preventive Maintenance - Derrick Stiffleg	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4670-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4670-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4670-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4670-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4670-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4670-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4670-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4670-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4670-FILT0011	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4670-FILT0012	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4670-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4670-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4670-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4670-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4670LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting

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			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4670-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4670-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4670-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0011	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0012	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0013	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0014	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0015	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0016	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0017	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0018	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0019	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0020	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0021	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-LTS0022	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4670-LTS0023	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
	365-Day: Emergency Lights - Dry Cell		Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4670-LTS0024	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
	365-Day: Emergency Lights - Dry Cell		Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4670-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
	30-Day: Emergency Lights - Dry Cell		Clean exterior of emergency light and lamp head
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4670-PMP0001	Preventive Maintenance - Circulating Pump	90-Day: Pump	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
		180-Day: Pump	Check operation and controls. If any problems are found issue work request
			Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
PM4670-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Lubricate pump and motor as necessary
			Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4670-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4670-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4670-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4670-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4670-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4670-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4670-SPMP0001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP001C	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP002A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP002B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP003A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP003B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coupling and drives
PM4670-SPMP003C	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP004A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP004B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP005A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-SPMP005B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4670-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4671-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4671-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4671-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4671-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4671-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4671-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4671-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4671-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4671-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4671-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4671-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4671LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4671-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4671-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4671-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
PM4671-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4671-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4671-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4671-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4671-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4671-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4671-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4671-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4672LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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PM4672-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4672-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4672-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4673LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4673-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4673-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4673-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4674-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4674-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4674-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator

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		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4674-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4674-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4674-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4674-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4674-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4674-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4674-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4674-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4674-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4674-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4674-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;

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PM4674-CFC0001	Preventive Maintenance - Condenser Water	30-Day: Condenser Water	Clean Conductivity Probes
PM4674-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.
			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4674-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4674-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4674-CNDP0001	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4674-CNDP0002	Preventive Maintenance -Condensate Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4674CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	7-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system

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			Add chemicals if needed
PM4674-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4674-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4674-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4674-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4674CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4674-DUMB0001	Preventive Maintenance - Dumbwaiter	30-Day: Dumbwaiter	Check sensitivity of door closure pressure
			Check and clean electrical panels
			Perform visual inspection
			Check hoistway terminal connection
PM4674-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4674-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4674-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Report all deficiencies.
PM4674-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4674-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4674-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4674-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4674-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4674-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4674-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger

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			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4674-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4674-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4674HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4674HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4674HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4674-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4674-LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4674-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4674-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0002	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0003	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
		30-Day: Emergency Lights - Dry Cell	Clean interior of light housing, check battery terminals
			Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0004	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0005	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0006	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0007	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0008	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0009	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-LTS0010	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4674-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4674-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4674-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4674-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4674-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4674-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4674-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4674-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4674-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4675-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4675-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4675-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4675-BLR0002	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4675-BLR0003	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4675-DFWT0001	Preventive Maintenance - De-aerating Feed-water Tank	90-Day: De-aerating Feed-water Tank	Check operation and controls. If any problems found issue work request.
			Clean area around tank.
			Perform safety walkthrough.
PM4675-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4675-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4675-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4675-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4675LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4675-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4675-PMP0001	Preventive Maintenance - Fuel Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4675-PMP0002	Preventive Maintenance - Fuel Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4675-PMP0003	Preventive Maintenance - Fuel Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4675-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4675-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4675-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4675-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4675-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4675-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4676-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4676-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4676-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4676-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4676LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4676-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4676-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4676-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4676-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4676-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4676-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4676-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4676-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4676-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4676-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4677-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4677-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.

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			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4677-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4677-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4677-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4677-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4678-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4678-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4678-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4678-DOOR0002	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4678-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4678-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4678-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4678-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4678-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PM4678-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4679LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4679-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4679-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4679-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4679-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4680-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4680-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4680-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4680-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4680-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4680-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4680-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4680-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4681-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4681-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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PM4681-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4681-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4682-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4682-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4682-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4688-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4688LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4688-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4688-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4692-ADRY0001	Preventive Maintenance - Air Dryer	30-Day: Air Dryer, Desiccant Type	Check humidity alarm operation
PM4692-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4692-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger

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			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4692-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4692-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4694LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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PM4694-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4694-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4696-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4696-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4696-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4696-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Wet Cell (UPS)	Check and refill battery
			Check connections
			Clean and lubricate terminals
			Clean battery if necessary
			Check operation and controls
			Take specific gravity and voltage readings
			Check pilot cell temperature
PM4696-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4696-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4696-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4696-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4696-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4696-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4696-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4696-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4696-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4696-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4696LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4696-LTS0001	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4696-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4696-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4696-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4696-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4696-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4696-SPMP0002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request

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		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4696-SPMP0003	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4698-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4698-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4699A-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4699A-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4699A-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4699A-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4699A-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4699A-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4699A-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4699A-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (John Davis)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4699A-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4699-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4699-LTS0001	Preventive Maintenance - Emergency Lights	180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
PM4699-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4699-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4700-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4700DRAIN	Preventive Maintenance - Storm Drain Inspection	365-day Storm Drain	Clean-out all storm drains in the area
PM4700-EI0001	Preventive Maintenance -Deionized Water Facility	30-Day: Deionized Water Facility	Check all instrumentation
PM4700-FAC0001	Preventive Maintenance -Deionized Water Facility	30-day Deionized Water Facility	Check Facility Louvers
			Check Facility Heaters
			Check all Electronic Equipment
		365-Day: Deionized Water Facility	Check Facility Louvers
			Check Facility Heaters
			Check Caustic Tank Heater
			Check all Electronic Equipment
			Perform Electrical Heater Tracing
PM4700LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4700-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4700-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4700-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4700-PMP0001	Preventive Maintenance - Deionized Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4700-PMP0004	Preventive Maintenance - Deionized Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4700-PMP0005	Preventive Maintenance - Deionized Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4700-PMP0006	Preventive Maintenance - Deionized Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4700-PMP0007	Preventive Maintenance - Deionized Water Pump	180-Day: System Pumps	Notify RO System Tech before performing PM (4-5273)
			Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction, discharge piping, seals, packing glands, etc.; make minor repairs as necessary

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			Lubricate pump and motor as necessary
			Notify RO System Tech to restart system after work is performed
PM4700-PMP0008	Preventive Maintenance - Deionized Water Pump	180-Day: System Pumps	Notify RO System Tech before performing PM (4-5273)
			Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction, discharge piping, seals, packing glands, etc.; make minor repairs as necessary
			Lubricate pump and motor as necessary
			Notify RO System Tech to restart system after work is performed
PM4700-PMP0009	Preventive Maintenance - Chemical Metering Pump	30-Day: Chemical Metering Pump	Check Operation and Controls of Unit. If any problems are found issue work request
PM4700-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4700-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4700-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4700-ROSYS0001	Preventive Maintenance - UV Light	365-Day: UV Light Replacement	Replace UV light in RO System
PM4700-ROSYS0002	Preventive Maintenance - Filter Inspection	180-Day: Filter Inspection	Check Bag Pre-filters and replace as necessary
			Check Charcoal Pre-Filter and replace as necessary
			Check Cartridge filters and replace as necessary
			Backflush Carbon-bed Pre-Filter
PM4700-ROSYS0003	Preventive Maintenance - Operational Inspection	7-Day: Operational Inspection	Perform Visual Inspection of System
			Check log of gauge and instrumentation readings for the past work week
			Note any deficiencies
PM4700-ROSYS0004	Preventive Maintenance - Conductivity Test	30-Day: Conductivity Test (4700)	Perform Conductivity measurement on sample of system output water
			Record reading of conductivity in RO system log
PM4700-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4700-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4702-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4702-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4702-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4702-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4702-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4702-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4702-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4702-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4702-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4702-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4702-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4702-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4702-EW0002	Preventive Maintenance - Portable EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4702-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4702-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4702-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4702-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4702-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4702-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.

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			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4702-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4702HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4702HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4702HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4702LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4702-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4702-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4702-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4702-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4702-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4702-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4702-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4703-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4703-DOOR0001	Preventive Maintenance - Swinging Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4703-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4703-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4703LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4703-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4703-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4703-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4703-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4703-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4703-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4703-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4703-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4703-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4703-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4704-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4704-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4704-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4704-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4704-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4704-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4704-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4704-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4704-FILT0002	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4704-FILT0003	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4704-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4704-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4704-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4704LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4704-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4704-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4704-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4704-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4704-PMP0001	Preventive Maintenance - Oil Circulating Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4704-PMP0002	Preventive Maintenance - Oil Circulating Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request

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			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4704-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4704-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4704-TANK0001	Preventive Maintenance -Underground Tank	365-Day: Underground Tank	Inspect Cathodic Protection on underground tank and all associated piping.
PM4705-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACFLT0004	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACFLT0006	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4705-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4705-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4705-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4705-ACMP0004	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
		180-Day: Air Compressor	Check Belts. Change if necessary.
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
		365-Day: Air Compressor	Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
PM4705-ACMP0006	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
		180-Day: Air Compressor	Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
			Drain Tank. If unit has automatic drain then cycle drain.
PM4705-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4705-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4705-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4705-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4705-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0008	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check air bleed valves for proper operation where applicable
PM4705-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0010	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0013	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0014	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0015	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0016	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0017	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0018	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0019	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH001A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0020	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0022	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0023	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0024	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0025	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0026	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0027	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-AH0028	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0029	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0030	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0036	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0037	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0038	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH0039	Preventive Maintenance - Air Handling Unit	90-Day: Mini-Mate Air Handling Unit, Chill Water	Check controls and unit for proper operation. If any problems are found then issue work request.
			Lubricate shaft and motor bearings as necessary.
PM4705-AH0047	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0048	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH0049	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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PM4705-AH004A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH006A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH007A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH008A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH010A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH012A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH013A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH015A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH017A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH018A	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4705-AH019A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH019B	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-AH020A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4705-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4705-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4705-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4705-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4705-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0006	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0007	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRN0008	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4705-DHUM0001	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier (Direct Drive)	Check operation and controls. If any problems found then issue work request.
			Check drive motor
PM4705-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4705-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4705-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0012	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-DOOR0014	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DOOR0015	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4705-DUMB0001	Preventive Maintenance - Dumbwaiter	30-Day: Dumbwaiter	Check sensitivity of door closure pressure
			Check and clean electrical panels
			Perform visual inspection
			Check hoistway terminal connection
PM4705-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4705-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4705-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4705-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4705-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0013	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0014	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0015	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0016	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0017	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0018	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0019	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0020	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0021	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0022	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0023	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0024	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0025	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0026	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0027	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0028	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0029	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0030	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0031	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0032	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0033	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0034	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0035	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0036	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0037	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0038	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0039	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0040	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0041	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0042	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0043	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0044	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0045	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0046	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-EAF0047	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4705-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with AC Drive Motor	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check hoistway terminal limits
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4705-ELEV0002	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4705-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report all deficiencies.
PM4705-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4705-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Date and initial inspection tag
PM4705-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-EW0005	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-EW0006	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4705-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4705-FID0002	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4705-FID0003	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4705-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0019	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0021	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0024	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0025	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0026	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0027	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0029	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0030	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0031	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0036	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0037	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0038	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0039	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0046	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0048	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0049	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0050	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0051	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0052	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0053	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0054	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0055	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0056	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0057	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0058	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0059	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0060	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0061	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0062	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0063	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0064	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0065	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0066	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0067	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0068	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4705-FILT0069	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0070	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-FILT0071	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4705-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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PM4705-HST0010	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-HST0011	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-HST0012	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-HST0013	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4705-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4705-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4705-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Vapor hoses
PM4705-HUM0004	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4705-HUM0005	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4705-HUM0006	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4705-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4705-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4705-HWP0003	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-HWP0004	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4705-HWP0005	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4705-HWP0006	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4705HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4705LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4705-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4705-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4705-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4705-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4705-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4705-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4705-ODT0005	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4705-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4705-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4705-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4705-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4705-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4705-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4705-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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		1095-Day Breaker Exercising Maintenance (Bobby Collier)	Install knockout hole plugs as necessary
PM4705-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0094	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
		1095-Day Breaker Exercising Maintenance (Bobby Collier)	Install knockout hole plugs as necessary
PM4705-PNL0095	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0096	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0097	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0098	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0099	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0100	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0101	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0102	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0103	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0105	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0106	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0107	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-PNL0108	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0109	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0110	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0111	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0112	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0113	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0114	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0115	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0116	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0117	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0118	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0119	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0120	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0121	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0122	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0123	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-PNL0124	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0125	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0126	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0127	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0128	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0129	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0130	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0131	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0132	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0133	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0134	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0135	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0136	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0137	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0138	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4705-PNL0139	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4705-ROOF0018	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4705-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-RV0004	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-RV0006	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4705-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4705-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4705-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4705-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4705-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4705-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4705-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4705-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4707-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4707-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4707-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4707-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4707-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4707-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
		180-Day: Air Dryer, Refrigerant Type	Check operation and controls. If problem found then issue work request.
			Drain and flush
			Drain water separator
			Lubricate condenser motor as necessary
			Clean condenser coils
PM4707-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4707-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4707-ADRY0005	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4707-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4707-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0010	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0013	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0015	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0016	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0017	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0018	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0019	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0020	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0021	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0023	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0024	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0025	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0026	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0028	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0029	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0031	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0032	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0033	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4707-AH0035	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-AH0037	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4707-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4707-BATB0004	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4707-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4707-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4707-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4707-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4707-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0006	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0007	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRN0008	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-CRU0001	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4707-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4707-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4707-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/sealed blower motor)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4707-CRU0005	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4707-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type (w/ all sealed bearings)	Check operation and controls. If any problems are found issue work order.
			Check belts, change if necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4707-DHUM0001	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier (Direct Drive)	Check operation and controls. If any problems found then issue work request.
			Check drive motor
PM4707-DHUM0002	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4707-DHUM0003	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4707-DHUM0004	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier (Direct Drive)	Check operation and controls. If any problems found then issue work request.
			Check drive motor
PM4707-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4707-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0012	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0013	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4707-DOOR0014	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0015	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4707-DOOR0016	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0017	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0018	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DOOR0019	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4707-DOOR0020	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4707-DOOR0021	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4707-DXAC0002	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check safety interlocks
PM4707-DXAC0003	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Condenser Fan)	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-DXAC0004	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-DXAC0005	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-DXAC0006	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-DXAC0007	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-DXAC0009	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4707-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4707-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4707-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with Motor Generator Drive	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check brushes on drive motors
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
			Inspect motor generator set
PM4707-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report all deficiencies.
PM4707-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4707-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0005	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0006	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Date and initial inspection tag
PM4707-EW0007	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0008	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-EW0009	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4707-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4707-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0019	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0022	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0023	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0024	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0025	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0027	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0030	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0031	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-FILT0032	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0033	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0034	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0035	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0036	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0037	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0038	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0039	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4707-FILT0040	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0041	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0042	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0043	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0044	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0045	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0046	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0047	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0048	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4707-FILT0051	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0052	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0053	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0054	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0055	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0056	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0057	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0058	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0059	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0060	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0061	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0062	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4707-FILT0067	Preventive Maintenance - Water Filter	30-Day Water Filter PM	Change valves for backflushing
PM4707-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4707-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4707-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.

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			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4707-HDT0001	Preventive Maintenance - Hydrogen Detection System	30-Day: Hydrogen Detection System	Perform visual inspection
		180-Day: Hydrogen Detection System	Perform visual inspection
			Calibrate system
			Check all alarm points
PM4707-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0005	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0006	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign mechanical inspection form
PM4707-HST0007	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0008	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0010	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0011	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0012	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HST0014	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-HST0015	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0005	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0006	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0007	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect Vapor hoses
PM4707-HUM0008	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0009	Preventive Maintenance - Humidifier	90-Day Humidifier, Steam to Steam Type	Check operation and controls. If any problems are found issue work request
			Check dump valve
PM4707-HUM0010	Preventive Maintenance - Humidifier	90-Day Humidifier, Steam to Steam Type	Check operation and controls. If any problems are found issue work request
			Check dump valve
PM4707-HUM0011	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0012	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4707-HUM0013	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4707-HUM0014	Preventive Maintenance - Dehumidifier	90-Day Humidifier, Ionic Bed Type	Check operation and controls. If any problems are found issue work request
			Check/Clean make-up water filter (prefilter).
			Perform diagnostic test.
			Inspect vapor hoses.
			Inspect ionic bed door gasket for leakage.
			Inspect ionic bed filters and replace as necessary.
			Inspect tank for excess scale.
			Check terminals.
			Report any deficiencies that were unable to be corrected.
PM4707-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0011	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-HV0012	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0013	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HV0014	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4707-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4707-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4707-HWP0003	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4707HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4707LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4707-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4707-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4707-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4707-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4707-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4707-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4707-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4707-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0036	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0037	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0038	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
		30-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4707-LTS0041	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4707-LTS0042	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4707-LTS0043	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4707-LTS0044	Preventive Maintenance - Aircraft Lights	30-Day: Aircraft/Aviation Lights	Verify operation
PM4707-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0006	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0007	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0008	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4707-ODT0009	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4707-ODT0010	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4707-ODT0012	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-ODT0013	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0014	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0015	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4707-ODT0016	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4707-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4707-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0093	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0094	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0095	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0096	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0097	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0098	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0099	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0100	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0101	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0102	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4707-PNL0103	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0104	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
		1095-Day Breaker Exercising Maintenance (Bobby Collier)	Install knockout hole plugs as necessary
PM4707-PNL0105	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0106	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0107	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0108	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0109	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0110	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0112	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0114	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0115	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0116	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0117	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0118	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4707-PNL0119	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SH0002	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SH0006	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SHEW0005	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4707-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4707-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4707-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4707-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4707-TFILL0001	Preventive Maintenance - Filter Inspection	180-Day: Filter Inspection (Tanker Fill Station)	Check Filters, replace as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4707-TFLR0001	Preventive Maintenance - Tilt Floor	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-TFLR0002	Preventive Maintenance - Tilt Floor	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4707-UPS0004	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4707-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4707-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4708A-AH0001	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0004	Preventive Maintenance - Air Handling Unit	90-Day: Air Handling Unit with Combination Back-Up	Check controls and unit for proper operation. If any problems are found issue work request
		90-Day: Air Handling Unit with Combination Back-Up	Lubricate shaft and motor bearings as necessary
		90-Day: Air Handling Unit with Combination Back-Up	Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
		180-Day: Air Handling Unit with Combination Back-Up	Check controls and unit for proper operation. If any problems are found issue work request
		180-Day: Air Handling Unit with Combination Back-Up	Lubricate shaft and motor bearings as necessary
		180-Day: Air Handling Unit with Combination Back-Up	Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
		180-Day: Air Handling Unit with Combination Back-Up	Insure condensate drain is free of blockage.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Air Handling Unit with Combination Back-Up	Check controls and unit for proper operation. If any problems are found issue work request
		365-Day: Air Handling Unit with Combination Back-Up	Lubricate shaft and motor bearings as necessary
		365-Day: Air Handling Unit with Combination Back-Up	Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
		365-Day: Air Handling Unit with Combination Back-Up	Clean Coil evaporator drain pan, blower, motor and drain piping as required.
		365-Day: Air Handling Unit with Combination Back-Up	Clean centrifugal fan.
PM4708A-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0007	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708A-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0013	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0014	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0015	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check air bleed valves for proper operation where applicable
PM4708A-AH0016	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0017	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0022	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0023	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0024	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-AH0025	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0026	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708A-AH0027	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708A-AH0028	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708A-AH0029	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4708-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4708-ACFLT0005	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4708-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4708-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4708-ACMP0005	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary

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			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor (Post RCM)	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil and oil filter. Change as necessary.
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4708-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4708-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4708-ADRY0003	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4708-ADRY0004	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils

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PM4708-AH00B2	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-AH00B3	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-AH00B4	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-AH00B5	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-AH011A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-AH029A	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708-AH0B11	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-AH0B12	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-AH0B13	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-AH0B4A	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708-AH0B9A	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708A-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0005	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0006	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708A-HUM0014	Preventive Maintenance - Humidifier	90-Day Humidifier, Steam to Steam Type	Check operation and controls. If any problems are found issue work request
			Check dump valve
PM4708A-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0003	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0004	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0005	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0006	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0007	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0009	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-HWP0010	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708A-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708A-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4708A-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4708A-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4708A-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4708A-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4708A-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
		365-Day: Emergency Lights - Dry Cell	Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708A-RAF00B3	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-ASH0002	Preventive Maintenance - Air Shower	30-Day Air shower (sheetmetal)	Check high efficiency filters, replace if necessary
			Check pre-filters, replace if necessary
		365-Day Air shower (millwright)	Check automatic doors and air shower for proper operation
			Inspect and clean fans over air shower
PM4708-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4708-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4708-ATS0003	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4708A-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4708A-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4708A-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4708B-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708B-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708B-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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PM4708B-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0016	Preventive Maintenance - Air Handling Unit	90-Day: Mini-Mate Air Handling Unit, Chill Water (Night-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
PM4708B-AH0018	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0019	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0020	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4708B-AH0021	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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PM4708B-AH0022	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4708-BATB0002	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4708-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4708B-DHUM0002	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4708B-DHUM0003	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4708B-DHUM0020	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check drive motor
PM4708B-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4708B-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708B-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708B-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up

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			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708B-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708B-HUM0020	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4708B-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708B-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708B-HWP001A	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708B-HWP001B	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4708-BLR0002	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4708B-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708B-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708B-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708B-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708B-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708B-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708B-SAF0001	Preventive Maintenance - Cooling Coil	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708B-SAF0002	Preventive Maintenance - Cooling Coil	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
		90-Day Supply Air Fan with Coils	Lubricate as necessary
			Check belts, change if necessary
			Check bearings
PM4708B-SAF0003	Preventive Maintenance - Cooling Coil	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708B-SAF0005	Preventive Maintenance - Cooling Coil	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708C-AH0001	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708C-AH0002	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708C-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708C-AH0004	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4708C-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708C-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708C-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708C-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4708-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4708-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4708C-HWP0004	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4708C-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708C-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708-COND0001	Preventive Maintenance - Air-cooled Condenser	90-Day: Air-Cooled Condenser	Check operation and controls. If any problems found then issue work request.
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
		180 Day Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
			Check and lubricate bearings as necessary
		365-Day: Air-Cooled Condenser	Check operation and controls. If any problems are found then issue work request
			Check Belts, change if necessary
			Lubricate condenser fan as necessary
			Check and lubricate bearings as necessary
			Clean condenser and evaporator coil
			Check safety interlocks
PM4708C-RAF0003	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708C-RAF0020	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708C-RAF0021	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-CRN0005	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-CRU0002	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4708-CRU0003	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4708-CRU0004	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4708-CRU0006	Preventive Maintenance - Computer Room Unit	30-Day Critical Computer Room Type Air Handling Unit, Chill Water, Direct Drive	Check operation and controls. If any problems are found issue work request.
			Lubricate blower motor as necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4708-CRU0007	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4708-CRU0008	Preventive Maintenance - Computer Room Unit	30-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Inspect drains for proper flow and clarity.
		90-Day: Critical Computer Room Type Air Handling Unit, Chill Water or Water-Cooled Combination Type	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
			Clean drain pans, vacuum drains, and insure drain clarity
PM4708CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4708-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0008	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0009	Preventive Maintenance - Roll-Up Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4708-DOOR0010	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DOOR0011	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4708-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4708-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Water-Cooled	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Water-Cooled	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
PM4708-DXAC0006	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708-DXAC0007	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4708-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4708-ELEV0002	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with AC Drive Motor	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check hoistway terminal limits
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4708-ELEV0003	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with AC Drive Motor	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check hoistway terminal limits
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4708-ELEV0004	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4708-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0004	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0005	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0006	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0007	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0008	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0009	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0010	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0011	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0012	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0013	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0014	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0015	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0016	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0017	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0018	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0019	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0020	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0021	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0022	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0023	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0024	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0025	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0026	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0027	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EROOM0028	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4708-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4708-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4708-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4708-EW0004	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4708-EW0005	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4708-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4708-FILT0001	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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PM4708-FILT0068	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0069	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0070	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0071	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0072	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0073	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0074	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0075	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0076	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0077	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0078	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4708-FILT0079	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0080	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0081	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0082	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0083	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0084	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0086	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0087	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0088	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0090	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0091	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0092	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0093	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0094	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0095	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0096	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0097	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0098	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0099	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0100	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0101	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0102	Preventive Maintenance - Filters	90-Day: Filter PM	Change both sets of filters
PM4708-FILT0103	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0104	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0105	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0106	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0107	Preventive Maintenance - Filters	90-Day Filter PM (Night-Shift)	Check filters, change if necessary
PM4708-FILT0199	Preventive Maintenance - Air Shower	30-Day Filter PM	Check high efficiency filters, replace if necessary (1 over each door)
			Check pre-filters, replace if necessary (12@ floor level in air shower)
PM4708-FSS0001	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4708-FSS0002	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Wet/Dry Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
PM4708-FSS0003	Preventive Maintenance - Fire Suppression System	30-Day: Dry/Wet Chemical Fire Suppression System	Perform PM per Dry/Wet Chemical Form
		180-Day: Wet/Dry Chemical Fire Suppression System, (Large CO2)	Perform PM per Dry/Wet Chemical Form
			Weigh cylinders and record weights on inspection form.
			Sign and date inspection tag.
PM4708-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4708-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4708-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0004	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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PM4708-HV0011	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0012	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708-HV0013	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4708HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4708-KVHD0001	Preventive Maintenance - Vent Hood	30-Day: Vent Hood	Check for abnormal grease build-up, clean if necessary
PM4708-LDOOR0001	Preventive Maintenance - Lab Door, Rolling	90-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
		365-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
			Support Army personnel in full inspection of door.
			Lubricate door as necessary.
PM4708-LDOOR0002	Preventive Maintenance - Lab Door, Rolling	90-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
		365-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
			Support Army personnel in full inspection of door.
			Lubricate door as necessary.
PM4708-LDOOR0003	Preventive Maintenance - Lab Door, Rolling	90-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
		365-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
			Support Army personnel in full inspection of door.
			Lubricate door as necessary.
PM4708-LDOOR0004	Preventive Maintenance - Lab Door, Rolling	90-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
		365-Day: Lab Door, Rolling	Check operation and controls. If any problems are found issue work request
			Clean tracks with silicon.
			Vacuum tracks.
			Clean bearings/wheels using a lightweight steel wool.
			Support Army personnel in full inspection of door.
			Lubricate door as necessary.
PM4708-LDOOR0005	Preventive Maintenance - Lab Door, Swinging	90-Day: Lab Door, Swinging	Check operation and controls. If any problems are found issue work request
			Clean side plungers using a light oil and steel wool.
		365-Day: Lab Door, Swinging	Check operation and controls.
			Clean side plungers using a light oil and steel wool.
			Support Army personnel in full inspection of door.
			Lubricate doors as necessary.
PM4708-LDOOR0006	Preventive Maintenance - Lab Door, Swinging	90-Day: Lab Door, Swinging	Check operation and controls. If any problems are found issue work request
			Clean side plungers using a light oil and steel wool.
		365-Day: Lab Door, Swinging	Check operation and controls.
			Clean side plungers using a light oil and steel wool.
			Support Army personnel in full inspection of door.
			Lubricate doors as necessary.
PM4708LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4708-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4708MEZZ-AH0007	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-AH0018	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-AH0019	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-AH0020	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-AH0021	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-AH0022	Preventive Maintenance - Air Handling Unit	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZDRAIN	Preventive Maintenance - Direct Expansion AC Unit	180-Day: Drain Plug PM	Check drain plugs on condensate lines for mezzanine AHU's
PM4708MEZZ-SAF0001	Preventive Maintenance - Mezzanine Inspection	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-SAF0002	Preventive Maintenance - Mezzanine Inspection	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-SAF0003	Preventive Maintenance - Mezzanine Inspection	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708MEZZ-SAF0005	Preventive Maintenance - Mezzanine Inspection	30-Day: Air Handling Unit Inspection	Vacuum condensate pans with a shop vac
			Vacuum condensate drains with a shop vac
			Inspect and reinsulate/retape all chilled water equipment
			Insure condensate drain is free of blockage.
PM4708-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0005	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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PM4708-ODT0006	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0007	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0008	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0009	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0010	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0011	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4708-ODT0012	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0013	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0014	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary

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			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0015	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0016	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0017	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0018	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0019	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0020	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0021	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0022	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0023	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit

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PM4708-ODT0024	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0025	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0026	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0027	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4708-ODT0028	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0029	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0030	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4708-ODT0032	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0033	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4708-ODT0034	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-ODT0035	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4708-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4708-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0093	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0094	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0095	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0096	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0097	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0098	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0099	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0100	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0101	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0102	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0103	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0104	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0105	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0106	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0107	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0108	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0109	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0110	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0111	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0112	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0113	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0114	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0115	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0116	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0117	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0118	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0119	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0120	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0121	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0122	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0123	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0124	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0125	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0126	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0127	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0128	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0129	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0130	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0131	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0132	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0134	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0135	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0136	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0137	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0138	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0139	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0140	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0141	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0142	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0143	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0144	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0145	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0146	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0147	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0148	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0149	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0150	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0151	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0152	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0153	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0154	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0155	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0156	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0157	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0158	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0159	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0160	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0161	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0162	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0163	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0164	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0165	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0166	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0167	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0168	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0169	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0170	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0171	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0172	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0173	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0174	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0175	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0176	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0177	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0178	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0179	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0180	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0181	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0182	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0183	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0184	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0185	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0186	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0187	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0188	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0189	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0190	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0191	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0192	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0193	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0194	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0195	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0196	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0197	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0198	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0199	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0200	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0201	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0202	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0203	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0204	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0205	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0206	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0207	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0208	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0209	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0210	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0211	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0212	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0213	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0214	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0215	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0216	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0217	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0218	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0219	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0220	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0221	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0222	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0223	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0224	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0225	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0226	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0227	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0228	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0229	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0230	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0231	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0232	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0233	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0234	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0235	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0236	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0237	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0238	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0239	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0240	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0241	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0242	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0243	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0244	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0245	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0246	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0247	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0248	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0249	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4708-PNL0250	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0251	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0252	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0253	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0254	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0255	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0256	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0257	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0258	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0259	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-PNL0260	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4708-RAF0013	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-RAF0020	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-RAF0021	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request

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		180-Day: Supply or Return Air Fan (Downtime)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-RAF00B2	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-RAF0B12	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-RAF0B13	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0009	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0010	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0011	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0012	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0013	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0014	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0015	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-ROOF0016	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4708-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4708-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4708-RV0005	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4708-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4708-SAF0013	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-SAF0014	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4708-SLPMP001A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
			Check operation and controls. If any problems are found issue work request
PM4708-SLPMP002A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
			Check operation and controls. If any problems are found issue work request
PM4708-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP0013	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP003A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP003B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check coupling and drives
PM4708-SPMP004A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP004B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP005A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP005B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP006A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPMP006B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4708-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4708-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4708-SPR0002A	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4708-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Dry Sprinkler System PM	Perform PM
PM4708-SPR0004	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4708-SPR0006	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4708-UPS0002	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4708-UPS0003	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4708-WJET0001	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4708-WJET0003	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4708-WJET0005	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4708-WJET0006	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4708-WJET0007	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4708-WJET0008	Preventive Maintenance - Water Jet	30-Day: Water Jet PM	Check operation and controls. If any problems are found issue work request
PM4711-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4711-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4711-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4711-AH0002	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4711-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4711-AH0005	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4711-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4711-AH0007	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0008	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0009	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0010	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0011	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4711-AH0012	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0013	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0014	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-AH0015	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit,	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment, replace/adjust as necessary.
PM4711-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.

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			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available
PM4711-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4711-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4711-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4711-DXAC0001	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4711-DXAC0002	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check safety interlocks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls
			Check belts, change if necessary
			Lubricate condenser fan
			Lubricate blower motor
			Check and lubricate bearings
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4711-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4711-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4711-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4711-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4711-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4711-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4711-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4711-EROOM0003	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.

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			Check area for water leaks.
			Report all deficiencies.
PM4711-EROOM0018	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4711-EROOM0034	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4711-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4711-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4711-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4711-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0011	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4711-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4711-FILT0021	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4711-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0005	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0006	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0007	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0008	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0009	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HST0010	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4711-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4711-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4711-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4711-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4711-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4711LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4711-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
			Check condition of battery
PM4711-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4711-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4711-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4711-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4711-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4711-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4711-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4711-ODT0004	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
		30-Day: Oxygen Detection System, Dry Cell Type	Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4711-ODT0005	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4711-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4711-PMP0002	Preventive Maintenance - Water Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4711-PMP0003	Preventive Maintenance - Water Pump	90-Day: Pump PM (Day-shift)	Check operation and controls. If any problems are found issue work request
		180-Day Pump PM (Day-Shift)	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4711-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4711-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4711-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4711-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4711-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4711-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4711-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4711-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4711-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4711-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4711-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4711-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4711-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4711-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4711-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0004	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0005	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0006	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0007	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4711-VSC0008	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4714-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4714-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4714-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4714-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4714-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4714-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4714-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4714-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4714-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4714-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4714HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4714LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4714-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4714-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4714-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4714-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4714-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4714-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4714-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4714-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4714-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4714-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4714-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration. Clean and check the general condition of variable speed drive panel.
PM4715-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism Inspect brake settings if applicable Check master link on chains Visually inspect alignment of tracks Lubricate tracks as necessary Inspect Mounts to ensure that they are sufficiently sized Inspect chain drive adjustments If any problems are found issue work request
PM4715-DXAC0001	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request Check belts, change if necessary Lubricate condenser fan as necessary Lubricate blower motor as necessary Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls Check belts, change if necessary Lubricate condenser fan Lubricate blower motor Check and lubricate bearings Check suction and discharge pressure Check safety interlocks Clean condenser and evaporator coils
PM4715-DXAC0002	Preventive Maintenance - Critical DXAC Unit	90-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request Check belts, change if necessary Lubricate condenser fan as necessary Lubricate blower motor as necessary Check safety interlocks
		180-Day: Critical Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls Check belts, change if necessary Lubricate condenser fan Lubricate blower motor Check and lubricate bearings Check suction and discharge pressure Check safety interlocks Clean condenser and evaporator coils
PM4715-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch. Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary. If any problems are found issue work request
PM4715-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel Inspect smoke detectors for damage and obstructions Verify operation of all pull stations and bells

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			Clean, test, and calibrate smoke detectors if applicable
PM4715-FILT0001	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4715-FILT0002	Preventive Maintenance - Filters	30-Day: Filter PM	Check Filters, change if necessary
PM4715LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4715-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4715-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4715-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4715-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4715-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4715-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4715-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4715-SH0001	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4715-SH0002	Preventive Maintenance - Safety Shower	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4715-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4716-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4716-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4716-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate pump and motor as necessary
			Check drive coupling
PM4716-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4716-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4716-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4716-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4716-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4716-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4716-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4716-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-1-AH0006	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4718-1-AH0007	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4718-1-AH0013	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4718-1-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Air-Cooled	Check unit's evaporator and condenser pressures.
			Check fan motor if applicable for excessive noise and vibration.
			Check oil temperature
			Check compressor oil level.
			Lubricate condenser fan motors as necessary
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil and oil filters(s).
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
			Clean condenser
			Clean evaporator tubes if available

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PM4718-1-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4718-1-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4718-1-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-1-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-1-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-1-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-1-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718-1-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4718-1-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4718-1-ODT0001	Preventive Maintenance - Oxygen Detection System	180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
		30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4718-1-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4718-1-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-1-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-1-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4718-2-AH0002	Preventive Maintenance - Air Handling Unit	112-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4718-2-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-2-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-2-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4718-2-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4718-2-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day Oxygen Detection System, Wet Cell Type	Inspect system and calibrate
			Check water levels if applicable, add if necessary
			Verify ODT is still required at this location. If unit is no longer needed issue work request to remove unit
PM4718-2-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-2-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-2-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-2-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-3-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4718-3-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-3-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4718-3-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-3-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4718-3-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4718-3-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-3-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-3-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-3-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-3-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-3-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-3-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4718-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4718-AH0002	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4718-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4718-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4718-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4718-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4718-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4718-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4718-AH0012	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4718-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4718-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4718-BATB0001	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4718-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4718-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler, Steam, Building 4718	Clean control box
			Check for leaks
			Check thermocoupling
			Check chemical controls and water analysis
			Lift safety valves, check dampers and stack
			Clean boiler area if necessary
		90-Day: Boiler, Steam Building 4718	Clean control box
			Check for leaks
			Inspect thermocoupling
			Check chemical controls and water analysis
			Lift safety valves, check dampers and stack
			Clean interior and exterior of boiler
			Check turbine flues and clean furnace
			Clean burner, filters and strainers
			Check flow or limit switches
			Clean out water leg on limit controls
PM4718-CC0001	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4718-CC0002	Preventive Maintenance - Condenser Water	90-Day: Condenser Water	Check for corrosion
PM4718-CCTWR0001	Preventive Maintenance - Cooling Tower	180-Day: Cooling Tower Cleaning	Contact HVAC Crew for Support.
			Clean and Inspect Hot Water Basin.
			clean inside of water tower using water hose, if required; scrape, brush and wipe as required;
PM4718-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: Chiller, Centrifugal, Water-Cooled	Check unit's evaporator and condenser pressures, oil tank pressure, differential oil pressure, and discharge oil pressure.
			Check oil level in chiller oil sump.
			Check oil temperature
			Check dehydrator or purge system; replace purge filter and inspect sight glass, replace if needed.
			Run system control tests
			Check refrigerant charge/level, add as necessary.
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Clean dehydrator float valve.
			Perform spectrochemical analysis of compressor oil.
			Replace oil and oil filter(s)
			Inspect cooler and condenser tubes for leaks.

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			Inspect utility vessel vent piping and safety relief valve.
			Inspect/clean the economizer (vane), gas line damper valve, and actuator arm.
			Run an insulation test on the motor.
			Check (IR Scan) and tighten motor terminals.
			Service chiller starter and check all controls and terminations.
PM4718-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4718-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4718-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718CTTR0001	Preventive Maintenance - Cooling Tower Water Treatment	30-day Cooling Tower Water Treatment PM	Perform testing on Cooling tower water system
			Add chemicals if needed
PM4718-CTWR0001	Preventive Maintenance - Cooling Tower	90-Day: Cooling Tower	Lubricate as necessary
			Check oil, add or change if necessary
			Check coupling and drives
		180-Day: Cooling Tower	Check operation of unit for water leaks, noise or vibration. If any problems found issue work request.
			Check electrical wiring and connections; make appropriate adjustments.
			Drain and flush could water sump and clean strainers; if required.
			Refill with water, check make-up water assembly for leakage, adjust electronic level controls if necessary.
			Remove clean and reinstall conductivity and ph electrodes in chemical water treatment system.
PM4718-CTWRC0001	Preventive Maintenance - Cooling Tower Controls	90-Day: Cooling Tower Controls	Inspect and calibrate controls
			Clean controls if necessary
PM4718-CWP0001	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.

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PM4718-CWP0002	Preventive Maintenance -Condenser Water Pump	365-Day Condenser Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling.
PM4718CWTR0001	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4718CWTR0002	Preventive Maintenance - Chilled Water Treatment	7-day Chilled Water Treatment PM	Perform testing on chilled water system
			Add chemicals if needed
PM4718-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4718-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicalbe; adjust as required.
			If any problems are found issue work request
PM4718-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicalbe; adjust as required.
			If any problems are found issue work request
PM4718-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4718-EW0001	Preventive Maintenance - EyeWash	30-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Check saline solution level, add as necessary
			Verify proper air pressure
			Date and initial inspection tag
		180-Day: Safety Shower & Eyewash Station (Air-charged)	Check operation and controls. If any problems are found issue work request
			Change saline solution
			Repressurize tank
			Date and initial inspection tag
PM4718-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4718-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4718-FIRP0001	Preventive Maintenance -Fire Pump - Millwright	90-Day: Millwright PM for Fire Pump	Change oil after 50 hours of operation
			Change oil filter after 50 hours of operation
			Verify that shaft seals are dripping water properly (1 drop per second)
			Verify that the system is free of vibration or unusual noise
			Verify that the packing boxes, bearings, pump casing are free of overheating
PM4718-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4718-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4718-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4718-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4718-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4718-HWP0003	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4718HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4718-LIFT0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4718LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4718-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4718-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4718-ODT0003	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4718-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4718-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4718-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4718-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4718-RCHLR0001	Preventive Maintenance - Operate Water Chiller	30-Day: Chiller, Operational Test	Transfer Chilled Water Load from Central Plant to Local Chiller and Operate for 24 Hour period. Report any Noted Deficiencies.
PM4718-RMON0001	Preventive Maintenance - Refrigerant Monitoring System	90-Day: HCFC Refrigerant Monitoring System	Notify UCS that system will be under test before performing maintenance on system
			Check Calibration of each sensor, Recalibrate as necessary
			Check/Verify operation of safety equipment (audio/visual warning equipment, exhaust ventilation equipment)
			Note any sensors that required adjustment
PM4718-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-ROOF0008	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4718-SAF0001	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0002	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0003	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0004	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0005	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0006	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0007	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0008	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0009	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0010	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0011	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0012	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0013	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0014	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SAF0015	Preventive Maintenance - Supply Air Fan	90-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls
		180-Day: Supply or Return Air Fan (Night-Shift)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4718-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4718-SPMP001A	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4718-SPMP001B	Preventive Maintenance - Sewage Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
PM4718-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4718-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4718-UPS0001	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4718-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4720-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4720-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4720-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	60-Day: Walk-In Coolers and Freezers, Direct Expansion Units	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan motor as necessary
			Clean condenser and evaporator coils
		180-Day: Walk-In Coolers and Freezers, Direct Expansion Units	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan motor as necessary
			Clean condenser and evaporator coils
PM4720-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	60-Day: Walk-In Coolers and Freezers, Direct Expansion Units	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan motor as necessary
			Clean condenser and evaporator coils
		180-Day: Walk-In Coolers and Freezers, Direct Expansion Units	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan motor as necessary
			Clean condenser and evaporator coils
PM4720-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4720-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4720-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4723-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4723-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4723-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4723-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4723-ACMP0003	Preventive Maintenance - Air Compressor Sprinkler	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4723-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4723-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4723-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4723-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4723-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4723-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4723-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4723-FILT001A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4723-FILT002A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4723-FILT003A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4723-FILT004A	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4723-HWP001A	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4723-HWP001B	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4723LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4723-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4723-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4723-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4723-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4723-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4723-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4723-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4723-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4723-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4723-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4723-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4723-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4727-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4727-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4727-AH0003	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4727-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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PM4727-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4727-EROOM0002	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4727-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4727-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4727-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4727-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4727-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4727LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4727-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4727-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4727-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4727-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4727-LTS0005	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4727-LTS0006	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4727-LTS0007	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
PM4727-LTS0008	Preventive Maintenance - Emergency Lights	365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
PM4727-LTS0009	Preventive Maintenance - Emergency Lights		Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
			Check condition of battery
PM4727-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4727-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4727-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4727-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4727-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4727-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4727-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4728-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4728-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4728-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4728-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
PM4728-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
PM4728-ACMP0003	Preventive Maintenance - Air Compressor Sprinkler	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change if necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain. Check oil, add or change as necessary Lubricate as necessary
			Check belts, change if necessary Check filters, change if necessary
PM4728-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request. Drain and flush Drain water separator

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4728-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4728-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4728-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4728-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4728-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4728-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4728-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4728-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4728-FID0001	Preventive Maintenance - Remote Multiplexing Unit	90-Day Field Interface Device	Change filters if necessary
PM4728-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4728-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4728-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4728-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4728-ICE0001	Preventive Maintenance - Ice Machine	90-Day: Ice Machine (No filter, W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check water pressure
		180-Day: Ice Machine (No filter, W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check water pressure
			Clean condenser coils
PM4728LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4728-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4728-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4728-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4728-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4728-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4728-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4728-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4728-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4728-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4728-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4731-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4731-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4731-DOOR0007	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4731-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4731-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4731-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4731-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4731-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4731-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4731-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4731-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4731-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4731-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4732-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4732-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4732-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4732-AH0004	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4732-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4732-AH0006	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4732-AH0007	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable

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			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4732-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4732-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4732-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4732-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4732-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4732-DOOR0003	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4732-DOOR0004	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4732-DOOR0005	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4732-ELEV0001	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4732-ELEV0002	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4732-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4732-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4732-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4732-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4732-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4732-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4732-HUM0002	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4732-HUM0003	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4732-HUM0004	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4732-HUM0005	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4732LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4732-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of lamps
			Check condition of battery
PM4732-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4732-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4732-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4732-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0034	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4732-LTS0035	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check condition of battery
PM4732-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4732-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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			Install knockout hole plugs as necessary
PM4732-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4732-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4732-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4732-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4732-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4732-VSC0003	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4733-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4733-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4733-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4733LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4733-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4733-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4733-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4733-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4733-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4733-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4734-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4734-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4734-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4734-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4734-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4734-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4734-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4734-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4734-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4735-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4735-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4735-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4735-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4735-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4735-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4735-DOOR0001	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4735-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4735-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4735HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4735LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Report Findings to Electrical Supervisor
PM4735-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4735-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4735-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4735-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4735-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4735-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4736-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4737-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4738-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4738-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4738-DOOR0003	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4738-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4738-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4738LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4738-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4738-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4738-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4738-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4738-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4738-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4738-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4738-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4738-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4739-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4739-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4739-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4739-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4739-DHUM0001	Preventive Maintenance - Dehumidifier	90-Day Dehumidifier (Direct Drive)	Check operation and controls. If any problems found then issue work request.
			Check drive motor
PM4739-DOOR0001	Preventive Maintenance - Rollup Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4739-DOOR0002	Preventive Maintenance - Sliding Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4739-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4739-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4739-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4739-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4739LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4739-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4739-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4739-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4739-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4739-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4739-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4739-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4739-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4739-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4739-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4743-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4743-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4745LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4745-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4745-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4745-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4747-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4747-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4747-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4747-DOOR0001	Preventive Maintenance - Manual Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4747-DOOR0002	Preventive Maintenance - Manual Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4747-DOOR0003	Preventive Maintenance - Manual Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4747-DOOR0004	Preventive Maintenance - Manual Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4747-DOOR0005	Preventive Maintenance - Manual Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4747-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4747-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4747-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4747-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4747-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4747-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4747-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4747-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4747-HWP0001	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4747-HWP0002	Preventive Maintenance -Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4747LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4747-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4747-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4747-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4747-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4747-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4747-LTS0006	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4747-LTS0007	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4747-LTS0008	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
PM4747-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4747-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4747-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4747-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4747-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4747-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4747-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4748LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4748-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4748-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4748-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4749LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4749-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4749-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4749-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4749-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4750-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4750-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4750-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4750-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4750-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4750-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4750-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4751LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4751-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4751-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4751-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4751-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4754-AH0001	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit	Check controls and unit for proper operation

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			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4754-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4754-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4754-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4754-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4754LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4754-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4754-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4754-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4754-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4754-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4754-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4754-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4754-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4754-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4755-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4755-ACFLT0003	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4755-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4755-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4755-ACMP0003	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary

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			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4755-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4755-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0002	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0003	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0004	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0005	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0006	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0007	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0008	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0009	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0010	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0011	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0012	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0013	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0014	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0015	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0016	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-AH0017	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0018	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0019	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0020	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0021	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0024	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0025	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0026	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-AH0028	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0029	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive, Day-shift)	Check with operating or area personnel for deficiencies.
			Check controls and unit for proper operation.

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			Check for unusual noise or vibration.
			Lubricate shaft and motor bearings.
			Insure condensate drain is free of blockage.
			Inspect exterior piping and valves for leaks; tighten connections as required.
			Clean area around equipment.
			Fill out maintenance checklist and report deficiencies.
PM4755-AH0030	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0031	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0032	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Direct Drive, Day-shift)	Check with operating or area personnel for deficiencies.
			Check controls and unit for proper operation.
			Check for unusual noise or vibration.
			Lubricate shaft and motor bearings.
			Insure condensate drain is free of blockage.
			Inspect exterior piping and valves for leaks; tighten connections as required.
			Clean area around equipment.
			Fill out maintenance checklist and report deficiencies.
PM4755-AH0033	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0040	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0041	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit, (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; replace/adjust as necessary.
PM4755-AH0042	Preventive Maintenance - Air Handling Unit	365-Day: Air Handling Unit (Day Shift)	Check controls and unit for proper operation
			Inspect interior of unit for loose debris (pest, loose filters, etc.)
			Vacuum out condensate drain/pan of unit as applicable
			Check exterior coil connections for leaks
			Check air bleed valves for proper operation where applicable
PM4755-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls

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			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4755-ATS0002	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4755-BATB0003	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4755-BATB0004	Preventive Maintenance - Battery Bank	30-Day: Battery Bank, Sealed	Check connections
			Clean and lubricate terminals
			Clean battery if necessary
PM4755-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4755-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary
PM4755-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4755-CHWP0002	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4755-CODT0001	Preventive Maintenance - Carbon Monoxide Detection System	90-Day Carbon Monoxide Detection System	Inspect system and calibrate
			Check water levels, add if necessary
PM4755-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4755-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4755-CRN0003	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4755-CRN0004	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4755-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day Computer Room Type Air Handling Unit, Chill Water	Check operation and controls. If any problems found then issue work request.
			Lubricate blower motor as necessary
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Check safety interlocks
PM4755-CRU0002	Preventive Maintenance - Computer Room Unit	90-Day: Mini-Mate Air Handling Unit, Chill Water	Check controls and unit for proper operation. If any problems are found then issue work request.
			Lubricate shaft and motor bearings as necessary.
PM4755-DFWT0001	Preventive Maintenance - De-aerating Feed-water Tank	90-Day: De-aerating Feed-water Tank	Check operation and controls. If any problems found issue work request.
			Clean area around tank.
			Perform safety walkthrough.
PM4755-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4755-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4755-DOOR0003	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4755-DOOR0004	Preventive Maintenance - Sliding Door	180-Day Sliding Door, Automatic	Lubricate tracks as necessary
			Inspect drive mechanism
			Check stops and tethers
			Inspect tracks for debris
			If any problems are found issue work request
PM4755-DOOR0005	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4755-DOOR0006	Preventive Maintenance - Electric Personnel Door	30-Day Personnel Doors, Electric	Check operation and controls. If any problems are found issue work request.
			Clean photocells and check range
			Check door closure pressure
			Clean tracks and check for proper alignment
			Check tolerances on locking mechanisms
			Check emergency release mechanisms (where applicable)
PM4755-DXAC0002	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-DXAC0003	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-DXAC0004	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-DXAC0006	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-DXAC0007	Preventive Maintenance - DXAC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request.
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-DXAC0008	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks

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PM4755-DXAC0010	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4755-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4755-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4755-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4755-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan (Day-Shift)	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate if necessary
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4755-ELEV0001	Preventive Maintenance - Cable Elevator	30-Day: Cable Elevator with AC Drive Motor	Verify operation of all safety edges
			Verify operation of emergency telephone
			Check and clean all electrical panels
			Inspect and lubricate governors
			Check hoistway terminal limits
			Check sensitivity of door closure pressure
			Inspect hoistways and car top
PM4755-ELEV0002	Preventive Maintenance - Hydraulic Elevator	30-Day: Hydraulic Elevator with Automatic Gate	Check and clean all electrical panels
			Verify operation of emergency telephone
			Inspect hoistways and car top
			Check oil reservoir
			Check sensitivity of door closure pressure
PM4755-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.

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			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4755-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4755-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4755-FID0001	Preventive Maintenance - Field Interface Device	90-Day Field Interface Device	Change filters if necessary
PM4755-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0006	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0007	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0008	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0009	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0010	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0011	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0012	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0013	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0014	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0015	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0016	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0017	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0018	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0019	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0020	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0021	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0024	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0025	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0026	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0028	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0029	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0031	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0032	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0033	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0034	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0035	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0036	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0037	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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PM4755-FILT0038	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0039	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0040	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0041	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0042	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0043	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0044	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0045	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0047	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0049	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FILT0052	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4755-FILT0059	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4755-FRE0001	Preventive Maintenance - 400 Cycle Frequency Converter	180-Day: 400 Cycle Converter PM	Clean equipment
			Check Terminations
PM4755-FRE0002	Preventive Maintenance - 400 Cycle Frequency Converter	180-Day: 400 Cycle Converter PM	Clean equipment
			Check Terminations
PM4755-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4755-FWP0002	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4755-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4755-GEN0002	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>	<u>TASK DESCRIPTION</u>
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Verify day tank's fuel level is topped off between float ranges, if applicable.
	365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
		Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
		Check operation and controls. If any problems are found issue work request
		Check filters if applicable, change if necessary
		Check belts if applicable, change if necessary.
		Check coolant if applicable, add or change if necessary.
		Check stop switch and emergency alarm bell.
		Lubricate as necessary
		Tighten all bolts
		Check oil, add or change if necessary
		Check voltage.
		Check battery
		Check connections and battery charger
		Check generator output
		Winterize system
		Verify continuity of generator ground, including the fuel tank ground
		Verify day tank's fuel level is topped off between float ranges, if applicable.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit (Day-Shift)	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4755-HWP0001	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4755-HWP0002	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4755-HWP0003	Preventive Maintenance - Hot Water Pump	365-Day: Hot Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
			Check drive coupling
PM4755HWTR0001	Preventive Maintenance - Hot Water Treatment	7-day Hot Water Treatment PM	Perform testing on hot water system
			Add chemicals if needed
PM4755HWTR0002	Preventive Maintenance - Hot Water Treatment (Off-season)	7-day Hot Water Treatment PM (Off-season)	Perform testing on hot water system
			Add chemicals if needed
PM4755HWTR0003	Preventive Maintenance - Hot Water Treatment (Off-season)	30-day Hot Water PM (Off-season)	Notify Water Treatment Tech when performing PM (4-1058, 4-6020)
			Open all necessary valves (Supply/Control/Makeup)
			Check to make sure makeup water is on
			Check to make sure system is filled
			Coordinate operation with UCS
			Turn on circulation pumps and run for 48 hours
			Shut down pumps and close all necessary valves
PM4755-ICE0001	Preventive Maintenance - Ice Machine	30-Day: Ice Machine	Check water filter
		90-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
		180-Day: Ice Machine	Check water filter
			Check operation and controls. If any problems are found issue work request
			Check water pressure
			Lubricate condenser fan motor as necessary
			Clean condenser coils
PM4755LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting

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			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4755-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM4755-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0017	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0018	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0019	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0020	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0021	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0022	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0023	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0024	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0025	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0026	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0027	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0028	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0029	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0030	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0031	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0032	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-LTS0033	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4755-LTS0034	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
PM4755-LTS0035	Preventive Maintenance - Emergency Lights		Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
PM4755-LTS0036	Preventive Maintenance - Emergency Lights		Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
PM4755-LTS0037	Preventive Maintenance - Emergency Lights	365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
PM4755-LTS0038	Preventive Maintenance - Emergency Lights		Perform 30 second light operational test
			Clean exterior of emergency light and lamp head
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM4755-LTS0038	Preventive Maintenance - Emergency Lights		Clean interior of light housing, check battery terminals
		30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0039	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0040	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0041	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0058	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4755-LTS0059	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
PM4755-LTS0060	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Fluorescent Type	Perform 30 second light operational test
			Check condition of lamps
		365-Day: Emergency Lights - Fluorescent Type	Perform 1.5 hour light operational test
			Check condition of lamps
			Check condition of battery
PM4755-MTS0001	Preventive Maintenance - Manual Transfer Switch	180-Day: Manual Transfer Switch	Exercise transfer switch
		365-Day: Manual Transfer Switch	Exercise transfer switch
			Clean equipment
			Check all contacts and connections
PM4755-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PM4755-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4755-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0020	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-PNL0025	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0026	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0027	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0028	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0029	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0030	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0031	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0032	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0033	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0034	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0035	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0036	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0037	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0038	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0039	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0040	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4755-PNL0041	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0042	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0043	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0044	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0045	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0046	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0047	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0048	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0049	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0050	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0051	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0052	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0053	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0054	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0055	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0056	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4755-PNL0057	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0058	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0059	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0060	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0061	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0062	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0063	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0064	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0065	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0066	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0067	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0068	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0069	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0070	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0071	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0072	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4755-PNL0073	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0074	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0075	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0076	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0077	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0078	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0079	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0080	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0081	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0082	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0083	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0084	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0085	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0086	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0087	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0088	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4755-PNL0089	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0090	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0091	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-PNL0092	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4755-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4755-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4755-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4755-RV0003	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4755-SAF0002	Preventive Maintenance - Return Air Fan	90-Day: Supply or Return Air Fan	Check operation and controls. If any problems are found issue work request
		180-Day: Supply or Return Air Fan	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate as necessary
PM4755-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4755-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4755-SPMP001A	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4755-SPMP001B	Preventive Maintenance - Sump Pump	30-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump (Day-Shift)	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4755-UPS0002	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4755-UPS0003	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4755-UPS0004	Preventive Maintenance - UPS Power System	90-Day: UPS System	Perform visual safety check
			Check amperage and voltage
		180-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
		365-Day: UPS System	Perform visual safety check
			Check amperage and voltage
			Check operation and controls
			Check termination points
			Inspect and clean all modules
PM4755-UPSF0001	Preventive Maintenance - 400 Cycle Frequency Converter	180-Day UPS Frequency Inverter	Clean Equipment
			Check terminations
PM4755-VSC0001	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4755-VSC0002	Preventive Maintenance - Variable Speed Controller	365-Day: Variable Speed Controller	Check for excessive heat, odors, noise and vibration.
			Clean and check the general condition of variable speed drive panel.
PM4756-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4756-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4757-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4757-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4757LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4757-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4757-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4757-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4757-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4758-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4758-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-CRU0001	Preventive Maintenance - Computer Room Unit	90-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems found then issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check suction and discharge pressure
		365-Day: Computer Room Type, Direct Expansion and Combination Unit	Check operation and controls. If any problems are found issue work request.
			Check belts, change if necessary
			Check and lubricate bearings as necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Check suction and discharge pressure
			Check safety interlocks
			Clean condenser and evaporator coils
PM4759-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4759-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4759-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed Blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4759-EW0002	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4759-EW0003	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4759-EW0004	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4759-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4759-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4759-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4759-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4759-FILT0004	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4759-FILT0005	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4759-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4759-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4759LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4759-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4759-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4759-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4759-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Install knockout hole plugs as necessary
PM4759-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-PNL005A	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4759-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4759-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4759-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4760-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4760-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4760-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4760-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-CHLR0001	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4760-CHLR0002	Preventive Maintenance - Water Chiller	365-Day: DX Chiller Water Cooled	Check unit's evaporator and condenser pressures.
			Check oil temperature.
			Check compressor oil level.
			Run system control tests.
			Perform refrigerant leak check.
			Check refrigerant charge/level, add as necessary
			Check compressor for excessive noise/vibration.
			Check sensor and mechanical safety limits.
			Replace oil.
			Inspect cooler and condenser tubes for leaks.
			Inspect safety relief valve.
			Run an insulation test on the motor.
			Clean condenser tubes.
			Clean evaporator tubes if applicable.
PM4760-CHWP0001	Preventive Maintenance - Chill Water Pump	365-Day Chilled Water Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands; make minor repairs as necessary.
			Lubricate pump and motor as necessary.
			Check drive coupling
PM4760-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4760-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4760-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4760-DOOR0004	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4760-DOOR0005	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4760-DOOR0006	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4760-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4760-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4760-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4760-DXAC0004	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4760-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0006	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0007	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0008	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0009	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0010	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0011	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0012	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0013	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0014	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0015	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0016	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0018	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan, Direct-Drive	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			If any problems are found issue work request
PM4760-EAF0019	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0020	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0021	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0022	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0023	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0024	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0025	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0026	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EAF0027	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4760-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4760-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4760-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4760-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-FILT0004	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4760-FILT0005	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0006	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0007	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0009	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0010	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0011	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0012	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0014	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-FILT0015	Preventive Maintenance - Filters	180-Day Filter PM	Check filters, change if necessary
PM4760-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0004	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0005	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0006	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0007	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0008	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0009	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0010	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0011	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign mechanical inspection form
PM4760-HST0012	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0013	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0014	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HST0015	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4760-HUM0001	Preventive Maintenance - Humidifier	90-Day Humidifier, Electric Generator Type	Check operation and controls. If any problems are found issue work request
			Check canister for mineral build-up
			Check fill valve
			Check dump valve
			Inspect Vapor hoses
PM4760-HV0001	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0002	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-HV0003	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0005	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0006	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0007	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0008	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0009	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760-HV0010	Preventive Maintenance - Heating Vent Unit	180-Day Heating/Ventilating Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust as necessary.
PM4760LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4760-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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PM4760-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4760-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0012	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0013	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0014	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0015	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-PNL0016	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0017	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0018	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0019	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0021	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0022	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0023	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-PNL0024	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4760-REC0001	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0002	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0003	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0004	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0005	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0006	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0007	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0008	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0009	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0011	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0012	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4760-REC0013	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-REC0014	Preventive Maintenance - Rectifier	90-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
		180-Day: Rectifier	Check operation and controls. If any problems are found issue work request
			Check connections and battery charger
			Check voltage and amperage
			Check and tighten all lugs
			Clean equipment
PM4760-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-ROOF0007	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4760-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4760-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0005	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0006	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SHEW0008	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4760-SPMP0005	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPMP0006	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPMP001	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPMP002	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPMP003	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPMP004	Preventive Maintenance - Sump Pump	30-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Sump Pump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4760-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Wet Sprinkler System PM	Perform PM
PM4760-SPR0002	Preventive Maintenance - Sprinkler System	30-Day: Dry Sprinkler System PM	Perform PM
		90-Day: Dry Sprinkler System PM	Perform PM
		365-Day: Dry Sprinkler System PM	Perform PM
PM4760-SPR0003	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4760-WWTR0001	Preventive Maintenance - Condenser Water	30-Day: Paint Booth Waste Water Treatment	Add biocide to paint booth sump(s)
PM4761-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4761-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4761-ACMP0001	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4761-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4761-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean condenser coils
PM4761-ADRY0002	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/o Condenser Fan)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4761-AH0001	Preventive Maintenance - Air Handling Unit	180-Day: Air Handling Unit	Check controls and unit for proper operation. If any problems are found issue work request
			Lubricate shaft and motor bearings as necessary
			Check belts for wear, proper tension, and alignment; adjust/replace as necessary.
PM4761-ATS0001	Preventive Maintenance - Auto Transfer Switch	180-Day: Auto Transfer Switch	Check automatic operation and controls
		365-Day: Auto Transfer Switch	Check automatic operation and controls
			Clean equipment
			Perform Infrared Inspection to check all contacts and connections
			If temperatures of over 121 degrees F noticed, connection must be repaired/tightened.
PM4761-BFP0001	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4761-BFP0002	Preventive Maintenance - Back Flow Preventer	90-Day: Back Flow Preventer	Check Operations
PM4761-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM	Inspect lifting cables
			Inspect drive mechanism
			Inspect brake settings if applicable.
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4761-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4761-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request

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PMNUM	PM DESCRIPTION		TASK DESCRIPTION
PM4761-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4761-EAF0003	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4761-EAF0004	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4761-EAF0005	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4761-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4761-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4761-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4761-FM0001	Preventive Maintenance - Meter Tanks	365-Day: Flow Meter Tank	Calibrate meter
			Perform visual inspection
PM4761-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PM4761LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4761-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4761-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4761-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4761-MON0001	Preventive Maintenance - Chlorine Monitoring System	30-Day: Gas Monitor	Perform visual inspection
PM4761-MON0002	Preventive Maintenance - Sulfur Dioxide Monitoring System	30-Day: Gas Monitor	Perform visual inspection
PM4761-ORP0001	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-ORP0002	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-ORP0003	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4761-PHM0001	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0002	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0003	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0004	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0005	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0006	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform visual inspection
PM4761-PHM0007	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PHM0008	Preventive Maintenance - Meter Tanks	90-Day: PH Meter	Calibrate meter
			Perform visual inspection
PM4761-PMP0001	Preventive Maintenance - Lime Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0002	Preventive Maintenance - Lime Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0003	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0004	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0005	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0006	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4761-PMP0007	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0008	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0009	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0010	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0011	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0012	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0013	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4761-PMP0014	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0015	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0016	Preventive Maintenance - Mixer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0017	Preventive Maintenance - Sludge Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0018	Preventive Maintenance - Sludge Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0019	Preventive Maintenance - Sludge Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0020	Preventive Maintenance - Sulfuric Acid Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4761-PMP0021	Preventive Maintenance - Sulfuric Acid Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0022	Preventive Maintenance - Transfer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0023	Preventive Maintenance - Transfer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0024	Preventive Maintenance - Transfer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PMP0025	Preventive Maintenance - Transfer Pump	90-Day: Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Pump	Check for proper operation of pump. If any problems are found issue work request
			Check for leaks on suction and discharge piping, seals, packing glands etc.; make minor repairs as necessary.
			Lubricate pump and motor as necessary
PM4761-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4761-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4761-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4761-PORTS0001	Preventive Maintenance - Influent Wastewater Observation Port	90-Day: Port Inspection	Perform visual inspection
PM4761-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4761-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4761-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4761-RV0002	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4761-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0002	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0003	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0004	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0005	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0006	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0007	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4761-SHEW0009	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4765-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4765-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4765-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed Blower Motor)	Check operation and controls. If any problems are found issue work request
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4765-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4765-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4765-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4765-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4765-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4765-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4765-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4765-LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4765-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4765-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4765-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4765-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4765-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4765-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4765-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4765-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4765-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4765-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4765-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4765-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4765-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4765-SPR0001	Preventive Maintenance - Sprinkler System	30-Day: Wet Sprinkler System PM	Perform PM
		90-Day: Wet Sprinkler System PM	Perform PM
		365-Day: Wet Sprinkler System PM	Perform PM
PM4767-EROOM0001	Preventive Maintenance - Equipment Room Cleaning	180-Day: Equipment Room Cleaning	Thoroughly clean room and area around equipment.
			Check area for control air leaks.
			Check area for water leaks.
			Report all deficiencies.
PM4767-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4767-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4767LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4767-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4767-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4767-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4767-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4767-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4767-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4771-ABLR0001	Preventive Maintenance - Air Blower	30-Day: Sutorbilt Air Blower	CHECK GEARBOX OIL LEVEL AND ADD AEON PD IF NECESSARY DO NOT OVERFILL)
			CHECK BELT TENSION
			LUBRICATE DRIVE END BEARINGS WITH NLGI 2 EP GREASE
			CHECK AIR FILTER AND CLEAN IF NECESSARY
		180-Day: Sutorbilt Air Blower	CHANGE GEARBOX OIL USING AEON PD SYNTHETIC ONLY
			LUBRICATE MOTOR BEARINGS AS NECESSARY
			REPLACE AIR FILTER
			CHANGE BELTS
PM4771-MON0001	Preventive Maintenance - Sulfite Monitoring System	30-Day: Gas Monitor (Calibration, Electricians)	Clean reactor - remove sensor then pour dilute solution of bleach through drain chamber (Ref. O&M manual).
			Check acid solution (refill if necessary with 15-20% concentration of sulfuric acid.
			Zero the system.
			Connect 1 liter bottle of distilled water to the sample pickup tube and draw in sample for 30 minutes.
			Store the offset value after determining that the zero current value has stabilized and is no longer declining.
			If the offset is too high and the monitors display indicates "No Update", check condition of sensor membrane and replace.
			Press the MODE key to return to the "PPM" display. The reading should be zero PPM.
			Calibration
			Pour 1.000 grams of sodium sulfite into a 1 liter flask. Fill to 1 liter with distilled water. (stable for 2 days).
			Immediately before use in calibration procedure, place 500 cc. of distilled water in a container with
			2cc. using a pipette of concentrated standard prepared earlier.
			Mix and feed approximate 2.5 PPM standard, produced in step 110.
			Press CAL Key followed by ENTER key. Use Up or Down keys to adjust the value displayed to 2.5 PPM and press ENTER.
PM4771-PMP0001	Preventive Maintenance - Sulfite Monitoring System	30-Day Electronic Metering Pump	Check Operation and Controls. If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4774-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM4774-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM4774-ADRY0001	Preventive Maintenance - Air Dryer	60-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems found then issue work request.
			Drain and flush
			Drain water separator
		180-Day: Air Dryer, Refrigerant Type (w/ sealed condenser motor)	Check operation and controls. If any problems are found then issue work request.
			Drain and flush
			Drain water separator
			Clean condenser coils
PM4774-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4774-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request
PM4774-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary

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		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4774-EW0001	Preventive Maintenance - EyeWash	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4774-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4774LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4774-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4774-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4774-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4774-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4774-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4774-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4774-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4774-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM4775-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			If any problems are found issue work request
PM4775-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4775-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4775-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PM4775-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4775-EAF0002	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM4775-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4775-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4775-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4775-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4775-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4775LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4775-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4775-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4775-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4775-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4775-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4775-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4775-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4776-BLR0001	Preventive Maintenance - Steam Boiler	30-Day: Boiler in dry lay-up	Perform safety walk-through
			Clean boiler area, if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4776-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4776-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4776-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4776-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Lubricate blower motor as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4776-EW0001	Preventive Maintenance - EyeWash	30-Day: Portable Eyewash Station	Check fluid levels.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
		180-Day: Portable Eyewash Station	Change saline solution.
			Check spray heads for cleanliness.
			Clean unit as necessary.
			Date and initial inspection tag
PM4776-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4776-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4776-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4776-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4776-FWP0001	Preventive Maintenance -Feed Water Pump	30-Day: Feed Water Pump	Check operation and controls. If any problems are found issue work request
		180-Day: Feed WaterPump	Check operation and controls. If any problems are found issue work request
			Lubricate as necessary
			Check coupling and drives
PM4776-HP0001	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PM4776-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4776-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4776-ODT0001	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4776-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4776-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4776-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4776-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4776-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4776-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4776-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4776-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4776-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4776-SHEW0001	Preventive Maintenance - Safety Shower and Eyewash Station	30-Day Safety Shower and/or Eyewash Station	Check operation and controls. If any problems are found issue work request
			Flush system for 2 minute minimum
			Date and initial inspection tag
PM4777-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4777-DOOR0001	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4777-DOOR0002	Preventive Maintenance - Roll-Up Door	180-Day Sliding/Roll-up Door, Manual	Lubricate tracks as necessary
			Check stops and tethers
			If any problems are found issue work request
PM4777-DOOR0003	Preventive Maintenance - Roll-Up Door	180-Day Roll-Up Door PM (w/o lifting cables)	Inspect drive mechanism
			Inspect brake settings if applicable
			Check master link on chains
			Visually inspect alignment of tracks
			Lubricate tracks as necessary
			Inspect Mounts to ensure that they are sufficiently sized
			Inspect chain drive adjustments
			If any problems are found issue work request

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM4777-DXAC0001	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed Blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Lubricate condenser fan as necessary
			Clean condenser and evaporator coils
			Check safety interlocks
PM4777-DXAC0002	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
PM4777-DXAC0003	Preventive Maintenance - Direct Expansion AC Unit	90-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		180-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
		365-Day: Direct Expansion Unit Package, Split-Type, Air-Cooled, Belt-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Check belts, change if necessary
			Clean condenser and evaporator coils
PM4777-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify operation of all pull stations and bells
			Clean, test, and calibrate smoke detectors if applicable
PM4777-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4777-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4777-FILT0003	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PM4777-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4777-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4777-HST0003	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Mechanical Tasks)	Inspect trolley lugs, rails and stops.
			Check operation and controls. If any problems found then issue work request.
			Lubricate as necessary
			Verify that hand signal and warning labels are attached properly
			Perform hook and wire rope inspection
			Complete and sign mechanical inspection form
PM4777LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM4777-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4777-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4777-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4777-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM4777-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM4777-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0008	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary

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PM4777-PNL0009	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0010	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-PNL0011	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM4777-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM4823-FUEL0001	Preventive Maintenance - Fuel Filter Reminder	365-Day: Fuel Filter Notice	Initiate IDIQ Workorder to Replace Fuel Filters at Fuel Farm Facility.
PM4823-PMP0001	Preventive Maintenance - Fuel Pump	90-Day: Fuel Farm Transfer Pump PM	Check operation and controls. If any problems are found issue work request
			Lubricate Pump as Necessary
PM4823-PMP0002	Preventive Maintenance - Fuel Pump	90-Day: Fuel Farm Transfer Pump PM	Check operation and controls. If any problems are found issue work request
			Lubricate Pump as Necessary
PM4823-REEL0001	Preventive Maintenance - Fuel Hose Reel	90-Day: Fuel Hose Reel	Check operation and controls. If any problems are found issue work request
			Lubricate Reel Units at Necessary Points
			Exercise Units Using Deadman's Switch
PM4823-REEL0002	Preventive Maintenance - Fuel Hose Reel	90-Day: Fuel Hose Reel	Check operation and controls. If any problems are found issue work request
			Lubricate Reel Units at Necessary Points
			Exercise Units Using Deadman's Switch
PM7204-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7205-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7214-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7215-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7244A-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7261-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM7325-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8010-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.

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			Complete chemical applications records.
PM8010-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8010-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ACFLT0001	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM8023-ACFLT0002	Preventive Maintenance - Air Compressor Filter Change	365-Day: Air Compressor Filter Change	Replace Filter(s) on air compressor unit.
PM8023-ACMP0001	Preventive Maintenance - Air Compressor	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM8023-ACMP0002	Preventive Maintenance - Air Compressor Control	90-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check Belts. Change if necessary.
		180-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change if necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
		365-Day: Air Compressor	Drain Tank. If unit has automatic drain then cycle drain.
			Check oil, add or change as necessary
			Lubricate as necessary
			Check belts, change if necessary
			Check filters, change if necessary
PM8023-EAF0001	Preventive Maintenance - Exhaust Blower Fan	180-Day Exhaust Fan	Start and stop fan with local switch.
			Check motor and fan shaft bearings for noise, vibration, overheating; lubricate as necessary.
			Check belts for wear, tension, and alignment, if applicable; adjust as required.
			If any problems are found issue work request
PM8023-FAS0001	Preventive Maintenance - Fire Alarm System	30-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
		180-Day: Fire Alarm System	Inspect panel
			Inspect smoke detectors for damage and obstructions
			Verify operation of all pull stations and bells

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			Clean, test, and calibrate smoke detectors if applicable
PM8023LIGHTS	Preventive Maintenance - Exterior Lighting	90-Day Exterior Lighting Inspection	Inspect all Exterior Building Lighting
			Inspect all Parking Lot Lighting
			Report Findings to Electrical Supervisor
PM8023-LTS0001	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0002	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0003	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0004	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0005	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PM8023-LTS0006	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM8023-LTS0007	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM8023-LTS0008	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM8023-LTS0009	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM8023-LTS0010	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
PM8023-LTS0011	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0012	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0013	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0014	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0015	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test
			Clean interior of light housing, check battery terminals
PM8023-LTS0016	Preventive Maintenance - Emergency Lights	30-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Perform 30 second light operational test
		180-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Clean interior of light housing, check battery terminals
			Perform 30 second light operational test
		365-Day: Emergency Lights - Dry Cell	Clean exterior of emergency light and lamp head
			Check condition of battery and replace if necessary
			Perform 1.5 hour operational test

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			Clean interior of light housing, check battery terminals
PM8023-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8023-PNL0001	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0002	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0003	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0004	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0005	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0006	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-PNL0007	Preventive Maintenance - Panel Board	1095-Day Breaker Exercising Maintenance (Bobby Collier)	Exercise all breakers in distribution panels 3-4 times
			Install knockout hole plugs as necessary
PM8023-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ROOF0002	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ROOF0003	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ROOF0004	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ROOF0005	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-ROOF0006	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PM8023-RV0001	Preventive Maintenance - Relief Valves	365-Day: Relief Valve PM	Service and Tag Relief Valve
PM8034-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8037-LTS0001	Preventive Maintenance - Dock Lights	30-Day: Dock Lights	Verify operation
PM8037-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8301-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM8301-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8302-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM8302-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8303-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8306-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM8306-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8307-LROD0001	Preventive Maintenance - Lightning Protection System	365 Day: Lightning Protection System	Measure and record resistance readings
			Inspect rods, cables, and fasteners
			Attach and turn in ground readings with PM sheet
PM8307-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8310-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8312-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8319-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8321-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PM8936-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PME4200-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4200-FIRP0002	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4200-FIRP0003	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4200-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4201-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4202-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4203-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed

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PME4203-FIRP0002	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4205-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-CRN0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4205-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.

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			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4209-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4476-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4476-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4476-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4481-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4481-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4481-HST0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487A-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487BC-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487BC-CRN0002	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487BC-HST0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487BC-HST0002	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487B-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4487B-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4493-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4493-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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PME4523-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4531-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4539-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4550-DERK0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4550-DERK0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4554-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4554-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4555-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PME4561-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4561-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4561-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4561-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4570-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4583-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4583-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4600-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service
			Verify that reverse phase alarm pilot light is off

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4605-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4607-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4612-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4612-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4612-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4612-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4612-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4618-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4619-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-CRN0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4619-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0009	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0010	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0011	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0013	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0014	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0015	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0016	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4619-HST0017	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4619-HST0019	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4623-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4623-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4648-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4649-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4649-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PME4650-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4650-CRN0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4653-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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PME4653-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4653-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4655-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4655-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4656-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4656-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4656-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4659-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PME4659-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4663C-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4663C-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4667-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4670-DERK0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4671-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4702-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4704-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form

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PME4705-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-CRN0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-HST0011	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-HST0012	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4705-HST0013	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-CRN0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0010	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0011	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0012	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0014	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-HST0015	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-TFLR0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4707-TFLR0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-ASH0001	Preventive Maintenance - Air Shower	30-Day Air Shower (Electricians)	Inspect lighting, replace bulbs and necessary
		365-Day Air Shower (Electricians)	Inspect lighting, replace bulbs and necessary
			Inspect and clean motors and electrical control box over air shower
PME4708-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4708-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-CRN0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4708-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4711-HST0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0009	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4711-HST0010	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-1-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-FIRP0001	Preventive Maintenance - Fire Pump (Electrical)	90-Day: Electrical PM for Fire Pumps	Excercise isolating switch and circuit breaker
			Inspect, check, clean, and test circuit breakers, replace as needed
			Check accuracy of pressure sensors
			Calibrate pressure switch settings
			Check fire pump and jockey pump controllers
			Verify that the system is in service

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that reverse phase alarm pilot light is off
			Verify that normal phase rotation pilot light is on
			Verify that isolating switch is closed
PME4718-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4718-LIFT0001	Preventive Maintenance - Cranes and Hoists	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4732-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4734-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4738-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4747-CRN0001	Preventive Maintenance - Crane	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4755-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4755-CRN0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4755-CRN0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4755-CRN0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4759-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0004	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0005	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4760-HST0006	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0007	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0008	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0009	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0010	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0011	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0012	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4760-HST0013	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Complete and sign electrical inspection form
PME4760-HST0014	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4765-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4765-HST0002	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4765-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4777-CRN0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4777-HST0001	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PME4777-HST0003	Preventive Maintenance - Cranes and Hoists (Electrical)	30-Day: Cranes and Hoists (Electrical)	Check and clean panels and brushes
			Check operation and controls. If any problems found then issue work request.
			Verify that hand signal and warning labels are attached properly
			Complete and sign electrical inspection form
PMH4200-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4200-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4203-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH00B1	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH00B2	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4203-AH00B3	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4205-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4205-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4205-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4205-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4205-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4205-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4207-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH00B1	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4207-AH00B2	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4241-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4241-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4249-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4249-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4250-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC (Night-Shift)	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4312-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4315-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4315-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4315-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4315-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4315-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4316-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4316-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4353-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4353-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4353-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4353-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4353-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4436-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4436-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4464-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4464-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4464-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4471-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4471-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4473-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4473-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4475-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4476-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4477-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4481-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4481-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4485-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4485-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4485-AH001A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4485-AH002A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487A-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487A-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487A-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487A-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0019A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0019B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4487A-AH0019C	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487A-AH0027	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487AB-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487AB-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487AB-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487AB-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487AB-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487B-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487B-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487B-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487B-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4487B-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487B-AH020A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487BC-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487BC-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487BC-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4487BC-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487BC-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4487C-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4491-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4491-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4491-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4493-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4493-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4493-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4493-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4493-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4493-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4493-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4493-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4494-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4522-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4524-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4530-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4531-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4553-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4561-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4561-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4561-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4561-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4564-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4566-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4566-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4566-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4566-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4570-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4570-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4570-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4570-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4583-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4583-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4583-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4583-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4583-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4583-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4600-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4600-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4600-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4600-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4600-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4605-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4605-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4610-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4610-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4610-AH0023	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4610-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4610-AH0025	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0026	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0030	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0031	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0040	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0041	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4610-AH0042	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0043	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH0044	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH00B1	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH00B2	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4610-AH00B3	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612A-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612B-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612C-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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PMH4612D-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4612D-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4618-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4618-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0023	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0030	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0031	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0032	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0033	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0034	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0035	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0036	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0037	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0038	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0039	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0040	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0041	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH0042	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH005A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH005B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH006A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4619-AH00B1	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH00B2	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4619-AH00B3	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4621-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4623-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4623-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4623-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4628-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4628-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4629-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4631-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4631-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4631-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4631-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4631-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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PMH4646-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4649-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4649-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4650-AH004A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4653-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4653-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4653-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4656-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH002A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH021A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH021B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH022A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH022B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH023A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4663A-AH023B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663A-AH0B3B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663AB-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH00B1	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663B-AH00B3	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663C-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663C-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663C-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4663C-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4663C-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4663C-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4663C-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4663D-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663M-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4663M-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4666-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4666-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4666-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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PMH4666-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4666-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4667-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4670-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4670-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4670-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4670-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4674-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4674-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4674-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4674-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4696-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4696-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4702-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4705-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH001A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0023	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0025	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0026	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0027	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0028	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0029	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0030	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH0036	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0037	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0038	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0047	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0048	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4705-AH0049	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH004A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH006A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH007A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH008A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH010A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4705-AH012A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH013A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH015A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH017A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH018A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH019A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH019B	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4705-AH020A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4707-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4707-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4707-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4707-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4707-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4707-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0023	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0025	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0026	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0028	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0029	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0031	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0032	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0033	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0035	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4707-AH0037	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708A-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708A-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708A-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708A-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708A-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4708A-AH0023	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0025	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0026	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0027	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0028	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708A-AH0029	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH00B2	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH00B3	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH00B4	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH00B5	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH011A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH029A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH0B11	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH0B12	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH0B13	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708-AH0B4A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708-AH0B9A	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708B-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708B-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708B-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708B-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4708B-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-AH0022	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-SAF0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-SAF0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708B-SAF0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4708C-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708C-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4708MEZZ-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH-4711-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4711-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4711-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4711-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-1-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-1-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-1-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-2-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4718-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4718-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4723-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4723-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4723-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4723-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4727-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4727-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4727-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4727-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4728-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4728-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4728-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4728-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4732-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4733-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4739-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4739-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4747-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4754-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0002	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0003	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0004	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0005	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0006	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0007	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0008	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0009	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0010	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0011	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0012	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0013	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0014	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0015	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4755-AH0016	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4755-AH0017	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4755-AH0018	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4755-AH0019	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering ____ Leaving ____
			Record entering and leaving chilled water temperature. Entering ____ Leaving ____
PMH4755-AH0020	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes____ No____
			Inspect evaporator drain pan and piping. Is cleaning required? Y____ N____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0021	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0024	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0025	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0026	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0028	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMH4755-AH0029	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0030	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0031	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0032	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0033	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0040	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0041	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4755-AH0042	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PMH4761-AH0001	Preventive Maintenance - Air Handling Unit (HVAC)	365-Day: Air Handling Unit - HVAC	Inspect coils. Is cleaning required? Yes_____ No_____
			Inspect evaporator drain pan and piping. Is cleaning required? Y_____ N_____
			Check operation, clean dampers, and lubricate all pivot points and linkages as required
			Record entering and leaving air temperature. Entering _____ Leaving _____
			Record entering and leaving chilled water temperature. Entering _____ Leaving _____
PML4650-FAC0001	Preventive Maintenance - Surface Grinder	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PML4650-FAC0002	Preventive Maintenance - Radial Arm Drill Press	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PML4650-FAC0003	Preventive Maintenance - Horizontal Milling Machine	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PML4650-FAC0004	Preventive Maintenance - Horizontal Milling Machine	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PML4650-FAC0005	Preventive Maintenance - Cold Saw	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PML4650-FAC0007	Preventive Maintenance - Lathe	30-Day: Machine Shop Equipment, Coolant	Add coolant as necessary.
PMM1TRAILER-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PMM1TRAILER-HP001	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PMMSFC-BLR0001	Annual Spring Boiler Inspections Reminder	365-Day: Annual Spring Boiler Inspections Reminder	Initiate IDIQ for Annual Spring Boiler Inspection.
PMMSFC-BLR0002	Annual Fall Boiler Inspections Reminder	365-Day: Annual Fall Boiler Inspections Reminder	Initiate IDIQ for Annual Fall Boiler Inspection.
PMMSFC-CRN0001	Annual Crane Inspections Reminder	365-Day: Annual Crane Inspection Reminder	Initiate IDIQ for Annual Subcontractor Crane Inspections.
PMMSFC-ELEV0001	Annual Elevator Inspections Reminder	365-Day: Annual Elevator Inspection Reminder	Initiate IDIQ for annual elevator inspection for elevators at MSFC.
PMMSFC-ELEV0002	5-Year Elevator Inspections Reminder	5-Years: Five Year Elevator Inspection Reminder	Initiate IDIQ for Five Year elevator inspection for elevators at MSFC.
PMMSFC-STEAM0001	Summer Steam Reminder	365-Day: Summer SteamReminder	Initiate IDIQ for summer steam.
PMP4200-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4200-FIRP0002	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4200-FIRP0003	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4201-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
PMP4202-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4203-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4203-FIRP0002	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4209-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4600-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4718-FIRP0001	Preventive Maintenance - Fire Pump (Pipefitter)	90-Day: Pipefitter Firepump PM	Record suction pressure
			Record discharge pressure
			Record pump starting pressure
			Are suction line control valves sealed open
			Are discharge line control valves sealed open
			Are by-pass line valves sealed open
			Are all control valves accessible
			Is suction reservoir full
PMP4771-MON0001	Preventive Maintenance - Sulfite Monitoring System	30-Day: Gas Monitor (Pipefitters)	Clean tubing inside analyzer (replace if necessary).

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify operation of solenoid valve of back-up treatment tank.
			Verify operation of float switch at back - up treatment tank.
		180-Day: Gas Monitor (Pipefitters)	Clean tubing inside analyzer (replace if necessary).
			Verify operation of solenoid valve of back-up treatment tank.
			Verify operation of float switch at back - up treatment tank.
			Visual inspection of sensor and replace if necessary.
			Replace peristaltic pump tubing. Reference O&M manual.
			Remove sensor from analyzer and pour bleach near suction side of sample pump.
		365-Day: Gas Monitor (Pipefitters)	Clean tubing inside analyzer (replace if necessary).
			Verify operation of solenoid valve of back-up treatment tank.
			Verify operation of float switch at back - up treatment tank.
			Visual inspection of sensor and replace if necessary.
			Replace peristaltic pump tubing. Reference O&M manual.
			Remove sensor from analyzer and pour bleach near suction side of sample pump.
			Replace air filter to peristaltic pump.
PMT298-PEST0001	Preventive Maintenance - Pest Control	365-Day Pest Control	Inspect for rodents, pest, and insects.
			Apply insecticides or poisons as required.
			Complete chemical applications records.
PMT4554-ODT0002	Preventive Maintenance - Oxygen Detection System	30-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Verify ODT is required at this location. If unit is not needed issue work request to remove unit
		180-Day: Oxygen Detection System, Dry Cell Type	Perform visual inspection
			Calibrate system
			Check all alarm points
			Verify ODT is still required at this location. If unit is not needed issue work request to remove unit
PMT4561A-FILT0001	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PMT4561A-FILT0002	Preventive Maintenance - Filters	90-Day: Filter PM	Check filters, change if necessary
PMT4561A-HP0001	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PMT4561A-HP0002	Preventive Maintenance - Heat Pump	90-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
		180-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
		365-Day: Heat Pump	Check operation and controls. If any problems are found issue work request
			Lubricate blower motor as necessary
			Clean coils
			Check safety interlocks
PMT4561A-ROOF0001	Preventive Maintenance - Roof	180-Day: Roof Inspection	Perform preventive and corrective maintenance to roof system
PMT4638	Preventive Maintenance - MSFC Rescue Team Trailer	30-day visual inspection	Perform visual inspection
		180-day PM Rescue Equipment	perform visual inspection
			perform preventive maintenance to all equipment in rescue trailer
PMT4728-DXAC0001	Preventive Maintenance - DXAC Unit	90-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		180-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Thru The Wall Unit (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
		365-Day: DX Unit Package, Stand-Alone or Split-Type, Air-Cooled, Direct-Driven (W/ Sealed condenser fan and blower motor)	Check operation and controls. If any problems are found issue work request
			Clean condenser and evaporator coils
			Check safety interlocks
PMT4728-GEN0001	Preventive Maintenance - Emergency Generator	30-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		90-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary

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			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Verify day tank's fuel level is topped off between float ranges, if applicable.
		365-Day: Generator	Notify building manager of intent to perform generator maintenance prior to operating generator.
			Seal off all necessary components of building ventilation system in order to prevent entry of fumes into building.
			Check operation and controls. If any problems are found issue work request
			Check filters if applicable, change if necessary
			Check belts if applicable, change if necessary.
			Check coolant if applicable, add or change if necessary.
			Check stop switch and emergency alarm bell.
			Lubricate as necessary
			Tighten all bolts
			Check oil, add or change if necessary
			Check voltage.
			Check battery
			Check connections and battery charger
			Check generator output
			Winterize system
			Verify continuity of generator ground, including the fuel tank ground
			Verify day tank's fuel level is topped off between float ranges, if applicable.
PML4200-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0003	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0004	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0005	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-CRN0006	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4205-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4436-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4436-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4436-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4476-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4476-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4476-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4487A-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487A-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487A-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487A-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487BC-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487BC-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4487BC-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4487BC-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4487B-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4487B-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4493-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4493-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4522-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4523-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4531-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4539-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4550-DERK0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Derrick Operational/Load Test (Critical use)	Total load test not to exceed 10% above rated capacity of derrick
			Hoist and lower test load
			Hoist and lower test load using boom
			Swing test load
			Check hoist clutch and brakes
			Check boom hoist clutches and brakes
			Check boom angle indicator
			Check safety devices, limit switches
PML4554-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4554-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4555-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4561-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4561-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4561-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4561-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4561-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4570-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4572-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4583-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4583-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4583-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4583-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4605-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4605-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4607-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4612-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4612-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4612-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4612-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4612-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4612-HST0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4618-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0003	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0004	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0007	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-CRN0008	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0008	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0009	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0010	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0011	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0013	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0014	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4619-HST0015	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0016	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0017	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4619-HST0019	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4623-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4623-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4623-HST0003	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4628-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4628-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4628-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4628-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4628-HST0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4648-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4649-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4649-CRN0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4650-CRN0008	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4650-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4653-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4653-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4653-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4655-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4655-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4656-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4656-CRN0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4656-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4659-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4659-CRN0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4663C-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4663C-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4667-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4670-DERK0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Derrick Operational/Load Test (Critical u	Total load test not to exceed 10% above rated capacity of derrick
			Hoist and lower test load
			Hoist and lower test load using boom
			Swing test load
			Check hoist clutch and brakes
			Check boom hoist clutches and brakes
			Check boom angle indicator
			Check safety devices, limit switches
PML4671-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4676-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4676-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4702-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4702-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4704-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-CRN0008	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4705-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4705-HST0010	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4705-HST0011	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-HST0012	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4705-HST0013	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0007	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-CRN0008	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-HST0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-HST0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4707-HST0008	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0010	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0011	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0012	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0014	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4707-HST0015	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-CRN0003	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-CRN0004	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-CRN0005	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-HST0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4708-HST0004	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4711-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4711-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4711-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4711-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4711-HST0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4711-HST0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4711-HST0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4711-HST0008	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4711-HST0009	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4711-HST0010	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4718-1-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4718-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4718-HST0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4718-HST0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4718-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4718-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4718-LIFT0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4732-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4732-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4732-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4732-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4734-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4738-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4747-CRN0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4754-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4755-CRN0001	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4755-CRN0002	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4755-CRN0003	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4755-CRN0004	Preventive Maintenance - Crane Operational/Load Test	365-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4759-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0004	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0005	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0006	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0007	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0008	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0009	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0010	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0011	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0012	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4760-HST0013	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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PREVENTIVE MAINTENANCE

<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0014	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4760-HST0015	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4765-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4765-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4765-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4767-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4775-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PML4775-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Test	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4776-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4776-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4777-HST0001	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load

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PREVENTIVE MAINTENANCE

<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4777-HST0002	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possib
			Lower test load, and stop and hold load with the brakes
PML4777-HST0003	Preventive Maintenance - Crane Operational/Load Test	1460-Day: Cranes and Hoists Operational/Load Tes	Hoist and lower dummy rated loads at various speeds
			Verify Holding brakes stopping capabilities and ability to hold a rated load
			Verify trolley and bridge travel under rated load, with maximum safe movement in all directions at varying speeds
			Verify function of limit switch, emergency stop, and locking device under no load at full speed
			Verify function of final upper limit switch, such that all hoist motion is precluded (may be tripped manually)
			Verify that both means of hoist braking are capable of bringing a rated load to zero speed and holding it
			Verify function of indicating devices, if provided
			Hoist load and verify that load is supported by crane and held by the hoist brake(s) (load not to exceed 25% above rated cap)
			Use trolley to transport load for the full length of the bridge

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Use bridge to transport load for the full length of each runway, with the trolley positioned as close to the runway as possible
			Lower test load, and stop and hold load with the brakes
PM4201-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4207-TANK0002	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4493-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4567-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4611-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4611-TANK0002	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4660-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4663-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4675-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4697-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4708-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor
PM4718-TANK0001	Preventive Maintenance - Tank	30-Day: Tank and Monitor Inspection	Check operation and controls of tank monitor

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<u>PMNUM</u>	<u>PM DESCRIPTION</u>		<u>TASK DESCRIPTION</u>
			Check tank for leaks
			If any deficiencies are found issue a work request
			Attach proper signage to tank if problems are found with monitor

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ATTACHMENT J-25
PREDICTIVE TEST AND INSPECTION

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ATTACHMENT J-25
PREDICTIVE TEST AND INSPECTION

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PREDICTIVE TEST AND INSPECTION**

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PREDICTIVE TEST AND INSPECTION

PTI NUM	DESCRIPTION	JOBPLAN DESCRIPTION	JPTASK	OPERATION DESCRIPTION
PTI4583-PNL0047	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0048	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0050	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0051	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0052	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0053	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0054	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0055	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-PNL0056	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4583-RAF0004	Predictive Testing & Inspection - Return Air Fans	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-AH0002	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-AH0003	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-AH0004	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-ATS0001	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4600-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-CHWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-HWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-HWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-RAF0001	Predictive Testing & Inspection - Return Air Fans	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-RAF0002	Predictive Testing & Inspection - Return Air Fans	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-RAF0003	Predictive Testing & Inspection - Return Air Fans	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-RAF0004	Predictive Testing & Inspection - Return Air Fans	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4600-SWBD0001	Predictive Testing & Inspection - Switch Board	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4605-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4605-AH0002	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4605-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4605-HST0002	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
PTI4605-HWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4605-HWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4607-ACMP0001	Predictive Testing and Inspection- Air Compressor (PP&C)	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
		365 Day- Predictive Testing (PP&C Equipment)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
			30.00	Perform Spectrochemical Oil Analysis.
PTI4607-ACMP0002	Predictive Testing and Inspection- Air Compressor (PP&C)	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis

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PTI4655-CRN0002	Predictive Testing and Inspection- Cranes and Hoists	180-Day: Predictive Testing & Inspection- Critical Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
		365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4656-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4656-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4656-CHWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4656-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4656-CRN0002	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4656-HST0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
PTI4659-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4659-CRN0002	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4663A-ACMP0001	Predictive Testing & Inspection - Air Compressor	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH0001	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH0002	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH0004	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH021A	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH021B	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH022A	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH022B	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH023A	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-AH023B	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4663A-ATS0001	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-ATS0002	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-ATS0003	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-MCC0001	Predictive Testing & Inspection - Manual Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-MCC0002	Predictive Testing & Inspection - Manual Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-MCC0003	Predictive Testing & Inspection - Manual Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-PNL0001	Predictive Testing & Inspection - Panel Board (4663 Outage)	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-PNL0002	Predictive Testing & Inspection - Panel Board (4663 Outage)	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-PNL0003	Predictive Testing & Inspection - Panel Board (4663 Outage)	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-PNL0004	Predictive Testing & Inspection - Panel Board (4663 Outage)	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4663A-PNL0009	Predictive Testing & Inspection - Panel Board (4663 Outage)	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis

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PTI4666-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4666-CHWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4666-CHWP0003	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4666-CWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4666-CWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4666-HV0001	Predictive Testing & Inspection - Heating / Venting Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4667-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4670-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-AH0002	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-AH0003	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-CHWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-CWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-CWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-DERK0001	Predictive Testing and Inspection- Cranes and Hoists	180-Day: Predictive Testing & Inspection- Critical Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
		365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4670-HWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4670-HWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4671-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4674-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-AH0002	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-AH0003	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-CHWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-CTWR0001	Predictive Testing & Inspection - Cooling Towers	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-CWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-CWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis

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			20.00	Perform Temperature Analysis
PTI4674-HWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4674-HWP0002	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4696-DERK0001	Predictive Testing and Inspection- Cranes and Hoists	180-Day: Predictive Testing & Inspection- Critical Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
		365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4702-AH0001	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4702-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4702-HST0002	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
PTI4702-HWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4703-CHWP0001	Predictive Testing & Inspection - Pumps	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4704-HST0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
PTI4704-SWBD0001	Predictive Testing & Inspection - Switch Board	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-AH0001	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0002	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0003	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0006	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0007	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0008	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0010	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0011	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0012	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0013	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0014	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0015	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0016	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0017	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0018	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0025	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4705-AH0026	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis

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PTI4705-PNL0146	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-PNL0147	Predictive Testing & Inspection - Panel Board	1095-Day - Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-SUB0001	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-SUB0002	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-SUB0003	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-SWBD0001	Predictive Testing & Inspection - Switch Board	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-SWBD0002	Predictive Testing & Inspection - Switch Board	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-XFMR0026	Predictive Testing & Inspection - Transformer	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-XFMR0035	Predictive Testing & Inspection - Transformer	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-XFMR0042	Predictive Testing & Inspection - Transformer	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-XFMR0047	Predictive Testing & Inspection - Transformer	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4705-XFMR0051	Predictive Testing & Inspection - Transformer	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4707-ACMP0003	Predictive Testing & Inspection - Air Compressor	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0001	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0002	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0003	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0007	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0010	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0011	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0012	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0019	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0020	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0031	Predictive Testing & Inspection - Air Handling Unit	90 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0033	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-AH0037	Predictive Testing & Inspection - Air Handling Unit	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-ATS0001	Predictive Testing & Inspection - Auto Transfer Switch	365 Day- Predictive Testing (Infrared Inspection)	10.00	Perform infrared analysis
PTI4707-CHWP0001	Predictive Testing & Inspection - Pumps	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-CHWP0002	Predictive Testing & Inspection - Pumps	180 Day- Predictive Testing (Vibration and Temperature)	10.00	Perform Vibration Analysis
			20.00	Perform Temperature Analysis
PTI4707-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	180-Day: Predictive Testing & Inspection- Critical Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
		365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4707-CRN0002	Predictive Testing and Inspection- Cranes and Hoists	180-Day: Predictive Testing & Inspection- Critical Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
		365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4707-CRN0003	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes

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PREDICTIVE TEST AND INSPECTION

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PTI NUM	DESCRIPTION	JOBPLAN DESCRIPTION	JPTASK	OPERATION DESCRIPTION
			20.00	Record and correct any identified hotspots.
PTI4765-HST0003	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
PTI4777-CRN0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Cranes	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.
			30.00	Perform vibration analysis on all crane motors and gearboxes
PTI4777-HST0001	Predictive Testing and Inspection- Cranes and Hoists	365 Day - Predictive Testing & Inspection- Hoists	10.00	Perform infrared inspection on all crane electrical components and connections
			20.00	Record and correct any identified hotspots.

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DIRECTIVES, INSTRUCTIONS, POLICIES, AND REGULATIONS

The documents listed herein contain specifications to which the contractor's work must conform. The contractor shall comply with all the requirements of these documents and all revisions thereto. Current versions shall be utilized, unless authorization to use obsolete versions has been properly documented. This listing is not intended to relieve the Contractor of its responsibility for identification of applicable regulations and procedures and compliance therewith when performing work onsite at MSFC.

For the Contractor's information, NASA recognizes a department hierarchy. NASA Policy Directives (NPDs) and NASA Procedural Requirements (NPRs) are headquarters' level documents and take precedence over center level documents. The center equivalent to these documents is Marshall Policy Directive (MPDs) and Marshall Procedural Requirements (MPRs) that are written to support the headquarter documents at the local level. The hierarchical order for these documents is NPD and NPR at the HQ level and MPD and MPR at the center level. Beyond the documents, the center also has Marshall Work Instructions (MWI) that typically support implementation of one of the higher level documents and Organizational Instructions (OI's) that provide work direction for activities that do not affect the entire center.

Notwithstanding the hierarchy of NASA's documentation system, in terms of understanding the requirements for performing this contract, the Contractor's attention is invited to the documents specifically referenced in the PWS and documents referenced in the Data requirements.

As a services Contract provider, the Contractor shall utilize all NASA and MSFC Directives and Standards as applicable, as well as Organizational Instruction(s) (OIs).

The URL for the Federal Directives and Standards:

OSHA – <http://www.osha.gov/>
ASME – <http://www.asme.org/pubs/journals/>
ANSI – http://www.ansi.org/public/std_info.html
NFPA – <http://www.nfpa.org/Home/index.asp>
EPA – <http://www.epa.gov/>
ANSI/ISO/ASQ Q9001:2000 Standards – <http://standardsgroup.asq.org/about/overview.html>

The URL for the NASA Directives:

NASA - NPD & NGP – http://nodis3.gsfc.nasa.gov/library/main_lib.html
NASA - STD – <http://www.hq.nasa.gov/office/codeq/doctree/safeheal.htm>

The URL for the MSFC Directives:

MSFC - MPD, MPG, MWI, NID, & OWI – <http://midl.msfc.nasa.gov/>

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DIRECTIVES, INSTRUCTIONS, POLICIES, AND REGULATIONS

Federal Directives, Standards, and Guidelines

29 CFR 541	Department of Labor, Wage and Hour Division
29 CFR 1910	Department of Labor, Occupational Safety and Health Administration Standards for General Industry
29 CFR 1925	Safety and Health Standards for Federal Service Contracts
29 CFR 1926	Department of Labor, Occupational Safety and Health Administration Standards for Construction
40 CFR	Protection of the Environment
48 CFR	Federal Acquisition Regulation
ANSI Standards	American National Standards Institute, applicable to the scope of this contract
ANSI/ISO/ASQ Q9001: 2000 Standards	Quality Management & Quality Assurance
ANSI/AWS D1.1 - 2000	Structural Welding Code
ASME	American Society of Mechanical Engineers, applicable to the scope of this contract
ASME	Boiler and Pressure Vessel Code, applicable to the scope of this contract
ASME B31.1 - 1998	ASME Code for Pressure Piping, B31, and American National Standard
ASME B31.3 -1999	ASME Code for Pressure Piping, B31, and American National Standard
CGA	Compressed Gas Association, applicable to the scope of this contract
NFPA	National Fire Protection Association
NEC	National Electric Code
Federal Standard 313	Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities.
Executive Order 13101	Greening the Government through Waste Prevention, Recycling, and Federal Acquisition
Executive Order 13123	Greening the Government Through Energy Management
Executive Order 13221	Greening the Government Through Energy Efficient Standby Power Devices
Executive Order 13149	Greening the Government through Federal Fleet and Transportation Efficiency
R.S. Means publication 60307	Facilities Maintenance and Repair Cost Data

NASA Directives

NPD 1600.2	NASA Security Policy
NPD 1800.2	NASA Occupational Health Program
NPD 1810.2	NASA Occupational Medicine Program
NPD 1820.1	NASA Environmental Health Program
NPD 2810.1	NASA Information Security Policy
NPD 4200.1	Equipment Management
NPD 8500.1	NASA Environmental Management
NPD 8621.1	NASA Mishap Reporting and Investigating Policy
NPD 8710.1	Emergency Preparedness Program
NPD 8710.2	NASA Safety and Health Program Policy
NPD 8710.5	NASA Safety Policy for Pressure Vessels and Pressurized Systems
NPD 8831.2	Facilities Maintenance Management
NPD 9501.2	NASA Contractor Financial Management Reporting
NPR 1600.1	NASA Security Program Procedural Requirements

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DIRECTIVES, INSTRUCTIONS, POLICIES, AND REGULATIONS

NPR 1840.1	Management of Workers Compensation Injuries and Illnesses
NPR 2810.1	Security of Information Technology
NPR 4100	NASA Materials Inventory Management Manual
NPR 4200	NASA Equipment Management Procedural Requirements
NPR 4300	NASA Personal Property Disposal Procedural Requirements
NPR 5100.4	Federal Acquisition Regulation Supplement
NPR 8621.1	NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Recordkeeping
NPR 8715.1	NASA Occupational Safety and Health Program
NPR 8715.2	NASA Emergency Preparedness Plan Procedural Requirements
NPR 8715.3	NASA General Safety Program Requirements
NASA-STD-8719.9	NASA Lifting Devices and Equipment
NASA-STD-8719.11	NASA Fire Protection
NID-9250	NASA Interim Directive

Marshall Directives

MPD 1040.3	MSFC Emergency Program
MPD 1280.1	Marshall Quality Management System Manual
MPD 1800.1	MSFC Smoking Policy
MPD 1840.1	MSFC Environmental Health Program
MPD 1840.2	MSFC Hearing Conservation Program
MPD 1840.3	MSFC Respiratory Protection Program
MPD 1860.1	Laser Safety
MPD 1860.2	Radiation Safety Program
MPD 8500.1	MSFC Environmental Management Policy
MPD 8570.1	MSFC Energy Management Program
MPD 8812.1	MSFC Facility Utilization Policy
MPR 1040.3	MSFC Emergency Plan
MPR 1280.4	MSFC Corrective Action Plan
MPR 1600.1	MSFC Security Procedures and Guidelines
MPR 1800.1	Bloodborne Pathogens
MPR 1810.1	MSFC Occupational Medicine
MPR 1840.1	MSFC Confined Space Entries
MPR 1840.2	MSFC Hazard Communication Program
MPR 1840.3	MSFC Hazardous Chemicals in Laboratories Protection Program
MPR 2500.1	Marshall Telecommunications and Audio Visual Services
MPR 3200.1	On-Site Location or Relocation of Contractor or Other Government Agency Personnel at MSFC Installations
MPR 3410.1	Training
MPR 3810.1	MSFC Management of Workers Compensation Injuries
MPR 3940.1	Welfare and Charity Campaigns and Privately-Sponsored On-the-Job Solicitations
MPR 4000.1	Control of Customer-Supplied Product
MPR 4200.1	Property Management

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DIRECTIVES, INSTRUCTIONS, POLICIES, AND REGULATIONS

MPR 6410.1	Handling, Storage, Packaging, Preservation, and Delivery (H,S,P,P& D)
MPR 6700.1	MSFC Vehicle and Motor Pool Operations
MPR 8500.1	MSFC Environmental Management Program
MPR 8500.2	MSFC Environmental Management System Manual
MPR 8715.1	Marshall Safety, Health, and Environmental (SHE) Program
MPR 8730.3	Control of Non-Conforming Product
MPR 8730.5	Control of Inspection, Measuring, and Test Equipment
MPR 8812.1	Request for Facility Services at MSFC
MPR 8823.1	Design Control of Facilities
MPR 8823.2	Pressure Systems Certification Requirements
MWI 1280.1	Fabrication Services Request Instructions (MSFC Form 3751)
MWI 1700.3	NASA Safety Reporting System Corrective Action Process
MWI 3410.1	Personnel Certification Program
MWI 4200.1	Equipment Control
MWI 6410.1	Packaging, Handling, and Moving Program Critical Hardware
MWI 6430.1	Lifting Equipment and Operations
MWI 8540.2	Affirmative Procurement Program for Environmentally Preferable Products
MWI 8550.1	Waste Management
MWI 8550.2	Storm Water Management
MWI 8550.3	Wastewater Compliance
MWI 8550.4	Air Emissions Compliance
MWI 8550.5	Chemical Management
MWI 8621.1	Close Call and Mishap Reporting and Investigation Program
MWI 8715.1	Electrical Safety
MWI 8715.2	Lockout/Tagout Program
MWI 8715.3	Hazard Warning Signs and Barricades
MWI 8715.4	Personal Protective Equipment (PPE)
MWI 8715.5	Area/Building Manager Program
MWI 8715.9	MSFC Occupational Safety Requirements for Contracts
MWI 8715.10	Explosives, Propellant, and Pyrotechnics Program
MWI 8715.11	Fire Safety Program
MWI 8715.12	Safety, Health and Environmental finding Tracking System (SHEtrak)
MWI 8715.13	Safety Concerns Reporting System (SCRS)
MWI 8715.15	Ground Operations Safety Assessment and Risk Mitigation Program
MWI 8715.16	Supervisor Safety Visits
For Construction Only	MSFC Technical Specifications for Repairs and Construction (TSRC) section 1061 or NASA INACT
AS10-OWI-001	Consolidated Environmental Response Plan
AS20-OI-012	MSFC Digging Permits
AS20-OI-015	Facilities Work Control

**MSFC FACILITIES PROVIDED (EITHER WHOLLY OR PARTIALLY) TO THE
CONTRACTOR FOR USE ON THIS CONTRACT**

<u>FACILITY NUMBER</u>	<u>ROOMS</u>
4200	G1C,G1D,G1E
4241	B104,B110
4250	35, 35A, 35B, 35C, 35G, 35H
4252	ALL
4473	ALL
4476	105
4487	AB102, AB103, AB104
4567	100, 106
4638	ALL
4639	ALL
4650	All except south wing (south of room 10)
4660	ALL
4675	ALL
4677	ALL
4682	ALL
4700	ALL
4703	75%
4705	E103, E104, E104A
4761	ALL
8312	ALL
8936	ALL
M-1 YARD	ALL

PERSONAL IDENTITY VERIFICATION PROCEDURES

PIV Card Issuance Procedures (in accordance with FAR Clause 52.204-9, Personal Identity Verification of Contractor Personnel, Personal Identity Verification of Contractor Personnel):

FIPS 201 Appendix A graphically displays the following procedure for the issuance of a PIV credential.

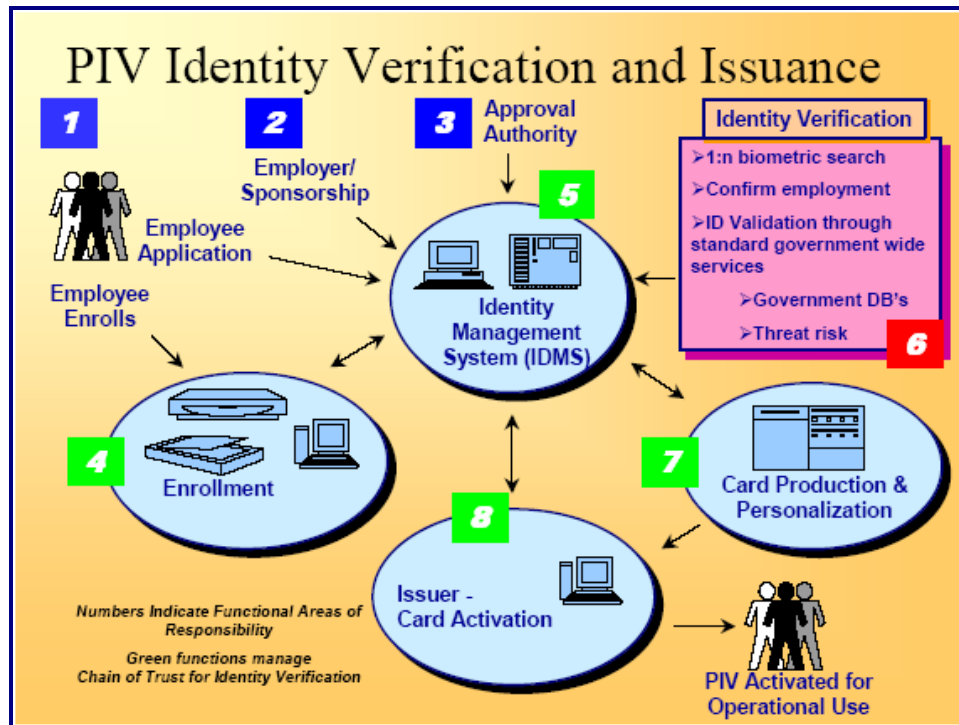


Figure A-1, FIPS 201, Appendix A

The following steps describe the procedures for the NASA Personal Identity Verification Card Issuance (PCI) of a PIV credential:

Step 1:

The Contractor's Corporate Security Officer (CSO), Program Manager (PM), or Facility Security Officer (FSO) submits a formal letter that provides a list of contract employees (applicant) names requesting access to the NASA Contracting Officer's Technical Representative (COTR). In the case of a foreign national applicant, approval through the NASA Foreign National Management System (NFMMS) must be obtained for the visit or assignment before any processing for a PIV credential can take place. Further, if the foreign national is not under a contract where a COTR has been officially designated, the foreign national will provide the information directly to their visit/assignment host, and the host sponsor will fulfill the duties of the COTR mentioned herein. In each case, the letter shall provide notification of the contract or foreign national employee's (hereafter the "applicant") full name (first, middle and last), social security number (SSN) or NASA Foreign National Management System Visitor Number

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if the foreign national does not have a SSN, and date of birth. If the contract employee has a current satisfactorily completed National Agency Check with Inquiries (NACI) or an equivalent or higher degree of background investigation, the letter shall indicate the type of investigation, the agency completing the investigation, and date the investigation was completed. Also, the letter must specify the risk/sensitivity level associated with the position in which each applicant will be working (NPR 1600.1, §4.5 is germane) Further, the letter shall also acknowledge that contract employees may be denied access to NASA information or information systems based on an unsatisfactory background investigation/adjudication. .

After reviewing the letter for completeness and concurring with the risk/sensitivity levels, the COTR/host must forward the letter to the Center Chief of Security (CCS). The CCS shall review the OPM databases (e.g., DCII, PIP, et al.), and take appropriate steps to validate the applicant's investigation status. Requirements for a NACI or other investigation shall be initiated only if necessary.

Applicants who do not currently possess the required level of background investigation shall be directed to the e-QIP web site to complete the necessary background investigation forms online. The CCS shall provide to the COTR/host information and instructions on how to access the e-QIP for each contract or foreign national employee requiring access

Step 2

Upon acceptance of the letter/background information, the applicant will be advised that in order to complete the investigative process, he or she must appear in-person before the authorized PIV registrar and submit two forms of identity source documents in original form. The identity source documents must come from the list of acceptable documents included in Form I-9, Employment Eligibility Verification, one which must be a Federal¹ or State issued picture identification. Fingerprints will be taken at this time. The applicant must appear **no later than** the entry on duty date.

When the applicant appears, the registrar will electronically scan the submitted documents; any document that appears invalid will be rejected by the registrar. The registrar will capture electronically both a facial image and fingerprints of the applicant. The information submitted by the applicant will be used to create or update the applicant identity record in the Identity Management System (IDMS).

Step 3:

Upon the applicant's completion of the investigative document, the CCS reviews the information, and resolves discrepancies with the applicant as necessary. When the applicant has appeared in person and completed fingerprints, the package is electronically submitted to initiate the NACI. The CCS includes a request for feedback on the NAC portion of the NACI at the time the request is submitted.

Step 4

Prior to authorizing physical access of a contractor employee to a federally-controlled facility or access to a Federal information system, the CCS will ensure a National Crime Information Center (NCIC) with an Interstate Identification Index check is/has been

¹ A non-PIV government identification badge, including the NASA Photo Identification Badge, **MAY NOT BE USED** for the original issuance of a PIV vetted credential

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performed. In the case of a foreign national, a national check of the Bureau of Immigration and Customs Enforcement (BICE) database will be performed for each applicant. If this process yields negative information, the CCS will immediately notify the COTR/host of the determination regarding access made by the CCS.

Step 5

Upon receipt of the completed NAC, the CCS will update IDMS from the NAC portion of the NACI and indicate the result of the suitability determination. If an unsatisfactory suitability determination is rendered, the COTR will advise the contractor that the employee is being denied physical access to all federally-controlled facilities and Federal information systems.

Based on a favorable NAC and NCIC/III or BICE check, the CCS will authorize the issuance of a PIV federal credential in the Physical Access Control System (PACS) database. The CCS, based on information provided by the COTR/host, will determine what physical access the applicant should be granted once the PIV issues the credential.

Step 6:

Using the information provided by the applicant during his or her in-person appearance, the PIV card production facility creates and instantiates the approved PIV card for the applicant with an activation date commensurate with the applicant's start date.

Step 7:

The applicant proceeds to the credential issuance facility to begin processing for receipt of his/her federal credential.

The applicant provides to the credential issuing operator proof of identity with documentation that meets the requirements of FIPS 201 (DHS Employment Eligibility Verification (Form I-9) documents. These documents **must** be the same documents submitted for registration.

The credential issuing operator will verify that the facial image, and optionally reference finger print, matches the enrollment data used to produce the card. Upon verification of identity, the operator will locate the employee's record in the PACS database, and modify the record to indicate the PIV card has been issued. The applicant will select a PIN for use with his or her new PIV card. Although root data is inaccessible to the operator, certain fields (hair color, eye color, et al.) may be modified to more accurately record the employee's information.

The applicant proceeds to a kiosk or other workstation to complete activation of the PIV card using the initial PIN entered at card issuance.

**ALTERNATIVE FOR APPLICANTS WHO DO NOT HAVE A COMPLETED AND
ADJUDICATED NAC AT THE TIME OF ENTRANCE ON DUTY**

Steps 1 through 4 shall be accomplished for all applicants in accordance with the process described above. If the applicant is unable to appear in person until the time of entry on duty, or does not, for any other reason, have a completed and adjudicated NAC portion of the NACI at the time of entrance on duty, the following interim procedures shall apply.

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1. If the documents required to submit the NACI have not been completed prior to EOD, the applicant will be instructed to complete all remaining requirements for submission of the investigation request. This includes presentation of I-9 documents and completion of fingerprints, if not already accomplished. If the applicant fails to complete these activities as prescribed in NPR 1600.1 (Chapters 3 & 4), it may be considered as failure to meet the conditions required for physical access to a federally-controlled facility or access to a Federal information system, and result in denial of such access.
2. Based on favorable results of the NCIC, the applicant shall be issued a temporary NASA identification card for a period not-to-exceed six months. If at the end of the six month period the NAC results have not been returned, the agency will at that time make a determination if an additional extension will be granted for the temporary identification card.
3. Upon return of the completed NAC, the process will continue from Step 5.

Safety Health (S) Management Implementation Guide and Assessment Matrix

Score	Commitment and Involvement (Element 1)		Worksite System and Analysis (Element 2)	Hazard Prevention and Control (Element 3)	Safety and Health Training (Element 4)
	A. Management	B. Employee			
10	Benchmarking indicates "best in Class." In areas of visible management leadership, responsibility/accountability, meaningful metrics, and incentive/recognition systems.	Employees fully involved, safety committees functioning well, is a complete behavior process functioning at least one year, employees involved in process planning and risk assessment.	All sub-elements fully in place and functioning well for at least one year.	All programs and sub-elements fully functioning for one year, strong professional support.	All training processes functioning, all levels of personnel trained to identified needs, management training ongoing.
9	All sub-elements are in place and functioning well, but have as yet to reach full maturity.	All processes functioning but for limited time, employees involved to great extent.	All sub-elements in place, employees actively participating.	All programs and sub-elements in place and functioning.	All training processes established, management initial training complete.
8	One sub-element not fully in place but all are being implemented.	Most processes in place, employee involvement growing.	All sub-elements functioning, employee participation growing.	At least five sub-elements functioning and one in final stage of implementation.	Most personnel trained to identified needs, training recordkeeping and recall system functioning.
7	Two sub-elements not fully implemented. Implementation in process on all elements. Employee participation and commitment widespread.	Process activities expanding through organization. Committees and teams functioning.	At least five sub-elements functioning and remainder established.	At least four sub-elements functioning, remaining two developing.	Management and supervisor training in process specialized training in process.
6	All sub-elements in process or in place. Strong management leadership and commitment begun, metric systems in place, resourcing appropriate.	Employee representatives functioning, joint committees functioning, participating in risk assessment and accident investigation.	At least four sub-elements functioning and remaining three in process, employee participation beginning to spread through organization.	Medical and safety programs strengthening, emergency preparedness program established and exercised.	Management training in process developed, supervisor training developed, training recordkeeping and recall system developed.
5	Management commitment and leadership accepted by workers, worker participation and commitment begun, metric system.	Employee representatives appointed/elected, committees beginning to perform functions (investigation, analysis, process improvement).	All sub-elements established, employees beginning to participate.	Rules written, medical and safety programs developing Personal Protective Equipment adequate.	Training template completed for all personnel, training needs identified, process development begun, recordkeeping and recall system being developed.
4	Management commitment and leadership flowing down to workers, metric systems being developed, incentive/recognition system in process.	All processes being established, involvement and awareness enhancement growing.	At least five sub-elements initiated including self-assessment, hazard reporting, and mishap close call investigations.	Rules in process, emergency preparedness program being developed.	Training development in process, specialized training established, mandatory training in process
3	Generally good management commitment and leadership, implementation plans approved for all elements.	All process needs identified, awareness and involvement enhancement activities begun.	Job Hazard analysis established, investigations strengthened and include employees.	Medical program initiated safety and health program initiated.	Training needs evaluation complete, training templates in process, recordkeeping and recall system needs to be established
2	Management exhibits some aspects of leadership, accountability systems not well defined, employee participation framework defined, limited metrics.	Committees established, little activity, employee involvement beginning, awareness of process started.	Plans established to implement all sub-elements, at least two sub-elements beginning to function.	Personal protective equipment requirements established and being enforced, plans developed for other elements.	Training needs evaluation begun, training template forms developed.
1	Sub-elements have not been established to any significant extent, management leadership is lacking, little or no employee participation.	No committees, little or no employee involvement, no process, little process planning.	Two or fewer sub-elements established, no self-inspection, shallow accident investigation process.	Few or no programs or sub-elements established, few written rules, limited enforcement.	Training needs not established, no management training, limited or no supervisor training.

The MSFC Environmental Engineering and Occupational Health Office performs periodic environmental compliance inspections to assess contractor performance relative to the provisions of DRD 987SA-001. These findings are provided to MSFC senior management. In incidences of non-compliance, the contractor is liable for all clean-up expenses and all applicable fines.

SAFETY PERFORMANCE EVALUATION SUMMARY EVALUATION CRITERIA AND PERFORMANCE RECOGNITION

Evaluation Criteria

- Management Commitment and Employee Involvement
- System and Worksite Hazard Analysis
- Hazard Prevention and Control
- Safety and Health Training

Score	≥ 36 points (Annual Score)	≥ 28 points (Annual Score)	≤ 16 points (Quarterly Score)
LTC (Lost Time Case Report)	<u>and</u> ≤ 50% of the LTC Rate for the applicable SIC rate Exception: Contractors with less than 100 employees located onsite MSFC shall have no lost time injuries during the past year	<u>and</u> less than the applicable SIC rate Exception: Contractors with less than 100 employees located onsite MSFC shall have no more than one lost time injury during the past year.	<u>or</u> more than the applicable SIC rate Exception: Contractors with less than 100 employees located onsite MSFC. A Level III rating will be given when greater than two lost time injuries are reported during the past year.
Grade Levels	I	II	III
Recognition	Formal award publicly recognized. Appropriate Past Performance referrals provided.	Formal letter of commendation – will impact contract evaluation and past performance. (Score must either be the same score or higher from the last evaluation.)	Formal letter expressing concern. Corrective Action Plan requested. Data placed in Past Performance Database. Failure to improve could result in Contract Options not being exercised.

NOTE: If the contractor's safety performance evaluation does not fall within one of the above categories, no recognition will be provided.

DEDUCTIONS

Failure to report information on all personnel and property mishaps that meet the criteria of NASA NPR 8621.1B, on a monthly basis will result in a deduction of \$1,000 for each occurrence of failure to report. Information to be reported includes items listed in paragraph 6 of the clause.

[END OF ATTACHMENT J-30]