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APPENDIX C. REFERENCED DOCUMENTS

The following documents apply to your work as specified in individual chapters.

United States Code

Clean Air Act of 1990, 42 U.S.C. Section 7401, et seq.

The Federal Insecticide, Fungicide, and Rodenticide Act, 7 U.S.C. Chapter 6, Subchapter II

Privacy Act of 1974, 5 U.S.C. Section 552a

Public Law

Public Law 91-596, "Occupational Safety and Health Act of 1970"

Public Law 100-678, "Public Buildings Amendments Act of 1988"

Executive Order

Executive Order 12196, "Occupational Safety and Health Programs for Federal Employees."

Federal Acquisition Regulations

Federal Acquisition Regulations

FAR Part 8, "Required Sources of Supplies and Services

FAR Subpart 17.5, "Interagency Acquisitions Under the Economy Act"

FAR Subpart 23.3, "Hazardous Material Identification and Material Safety Data"

FAR 52.223-3, "Hazardous Material Identification and Material Safety Data"

Code of Federal Regulations

10 CFR, "U.S. Nuclear Regulatory Commission Rules and Regulations"

16 CFR 1500, "Hazardous Substances and Articles; Administration and Enforcement Regulations"

21 CFR 1000 – 21 CFR 1040, "Food and Drug Administration Rules and Regulations"

21 CFR 1010, Federal Performance Standard for Electronic Products

21 CFR 1040.10, "Laser products"

21 CFR 1040.11, "Specific purposes of laser products"

29 CFR 1904.10, "Recording and Reporting Occupational Injury and Illness"

29 CFR 1910, "Occupational Safety and Health Standards, General Industry"

29 CFR 1917, Marine Terminals

29 CFR 1926, "Safety and Health Regulations for Construction"

29 CFR 1960, "Basic Program Elements for Federal Employee Occupational Safety and Health Programs and Related Matters"

40 CFR, "Protection of Environment"

42 CFR 84, "Approval of Respiratory Protective Devices"

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45 CFR 46, "Protection of Human Research Subjects"

49 CFR, "Transportation"

NASA Policy Directives

NPD 1382.17, "NASA Privacy Policy"

NPD 7100.8, "Protection of Human Research Subjects"

NPD 8710.1, "Emergency Management Program"

NASA Procedural Requirements

NPR 1441.1, "NASA Records Management Program Requirements Retention Schedules"

NPR 1800.1, "NASA Occupational Health Program Procedures"

NPR 3792.1, "Plan for a Drug-Free Workplace"

NPR 4100.1, "NASA Materials Inventory Management Manual"

NPR 4200.1, "NASA Equipment Management Procedural Requirements"

NPR 7100.1, "Protection of Human Research Subjects"

NPR 8621.1, "NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Recordkeeping"

NPR 8705.6, "Safety and Mission Assurance Audits, Reviews, and Assessments"

NPR 8715.1, "NASA Safety and Health Program"

NPR 8715.2, "NASA Emergency Preparedness Procedural Requirements"

NPR 8715.3, "NASA General Safety Program Requirements"

NPR 8820.2, "Facility Project Requirements"

JSC Policy Charter

JPC 1700.2, "JSC Safety and Health Action Team (JSAT) Charter"

JPC 1700.4, "JSC Executive Safety and Health Board Charter"

JSC Policy Directives

JPD 1700.3, "JSC Safety and Health Policy"

JPD 1712.1 "Management Notification Policy for Use in the Event of Serious Illness, Injury, or Death"

JPD 4500.1, "Pyrotechnics – Logistics Management"

JPD 8080.4, "Exposure to Reduced Atmospheric Pressure"

JPD 8820.3, "Facility Configuration Management Program"

JSC Procedural Requirements

JPR 1040.4, "JSC Emergency Preparedness Plan"

JPR 1281.6, "Procurement"

JPR 1281.14, "Corrective Action, Preventative Action and Continuous Improvement"

JPR 1410.2, "JSC Directives Procedural Requirements"

JPR 1600.3, "JSC Traffic Regulations"

JPR 1710.13, "Design, Inspection, and Certification of Pressure Vessels and Pressurized Systems"

JPR 1830.3, "Limitations Applicable to Personnel Exposed to Diving"

JPR 1860.2, "Radiological Health Manual"????

JPR 5322.1, "JSC Contamination Control Requirements Manual"

Verify correct version before use at [Center Directives Management System](#).

JSC Form JF2420B (Revised April 3, 2012) (MS Word August 28, 2006)

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JPR 8000.4, "JSC Risk Management Plan"

JPR 8550.1, "JSC Environmental Compliance Procedural Requirements"

JPR 8553.1, "JSC Environmental Management System Manual"

JPR 8715.2, "JSC Safety Standard for Underwater Operations"

WSTF Standard Instructions 09-SW-0005, Legacy Pressure Systems

WSTF Standard Instructions 09-SW-0024, Pressure Systems

NASA Standards

NASA-STD-6001, "Flammability, Off-Gassing and Compatibility Requirements and Test Procedures"

NASA-STD-8709.20, "Management of Safety and Mission Assurance Technical Authority (SMA TA) Requirements"

NASA-STD 8719.7, "Facility System Safety Guidebook"

NASA-STD 8719.9, "Standard for Lifting Devices and Equipment"

NASA-STD-8719.11, "Safety Standard for Fire Protection"

NASA-STD-8719.12, "Safety Standard for Explosives, Propellants, and Pyrotechnics"

NASA-STD-8719.13, "NASA Software Safety Standard"

NASA-STD-8739.3, "Soldered Electrical Connections"

NASA-STD-8739.4, "Crimping, Interconnecting Cables, Harnesses, and Wiring"

NASA-STD-8739.5, "Fiber Optic Terminations, Cable Assemblies, and Installation"

JSC 18323, Qualification of Aerospace, Aircraft, and General Application Fusion Welders

JSC 20483, "JSC Institutional Review Board, Guidelines for Investigators Proposing Human Research for Spaceflight and Related Investigations"

JSC 20793, "Crewed Space Vehicle Battery Safety Requirements"

JSC 22803, "JSC Reduced Gravity Program User's Guide"?????

JSC 25159, "Toxicological Hazard Assessments on Batteries used in Space Shuttle Missions"

JSC Personnel Handbook

JSC Policy on Smoking

JSC-SP-R-0022A, "Vacuum Stability Requirements of Polymeric Materials for Spacecraft Application"

JSC *Specifications Kept Intact (SPECS-IN-TACT)* submaster "01 41 00 00 80, "CONTRACTOR SAFETY AND HEALTH PROGRAM"

Langley Research Center Handbook 1740.4, "Facility System Safety Analysis and Configuration Management"

NASA MSC-SP-40M39580B, "Connectors, Electrical, Zero-G, Specifications"

NFS 1823.7001, "NASA Contract Clauses"

NFS 1823.3, "Hazardous Material Identification and Material Safety Data"

NFS 1852.223-70, "Safety and Health"

NFS 1852.223-73, "Safety and Health Plan"

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NRRS 1441.1, "Records Retention Schedules"

DRD SA-1-1, "Safety and Health Plan"

Non-NASA Governmental Standards

AMS-STD-1595, "Qualification of Aircraft, Missile, and Aerospace Fusion Welders"

AWS B2.1, "Specification for Weld Procedure and Performance Qualification"

EM 385-1-1, "U.S. Army Corps of Engineers Safety and Health Requirements"

Federal Standard No. 313, "Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities"

FDA Food Code

Marshall Space Flight Center specification 40M39580B

MIL-PRF-27210, "Oxygen, Aviator's Breathing, Liquid and Gas"

MIL-STD-130b, "Connections, Electrical, Solderless, Wrapped"

MIL-STD-882, "System Safety Program Requirements"

MIL-STD-1330, "Precision Cleaning and Testing of Shipboard Oxygen, Helium, Helium-Oxygen, Nitrogen and Hydrogen Systems"

NIOSH 75-115, "Engineering Controls for Welding Fumes"

NIOSH 77-131, "Welding Safety"

NIOSH 78-138, "Safety and Health in Arc Welding and Gas Welding and Cutting"

NIOSH 79-125, "Assessment of Selected Control Technology Techniques for Welding, Fumes"

OSHA Directive CSP 03-01-003, "Voluntary Protection Programs (VPP): Policies and Procedures Manual,"

OSHA Technical Manual Section III, Chapter 2, "Indoor Air Quality Investigation"

25 TAC 295, "Texas Asbestos Health Protection"

30 TAC 330, "Municipal Solid Waste"

30 TAC 335, "Industrial Solid Waste and Municipal Solid Waste"

Texas Pesticide Laws; Texas Department of Agriculture, 1989

Texas Pesticide Regulations; Texas Department of Agriculture, March 1990

Texas Traffic Laws

New Mexico Pesticide Laws

Consensus Standards and Other Documents

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Accident Prevention Manual for Business and Industry, Administration and Programs, 13th Edition;
National Safety Council, 2009

ACGIH “Industrial Ventilation Manual of Recommended Practices”

AIAA Guide 095, Revision A, 2017, “Guide to Safety of Hydrogen and Hydrogen Systems”

ANSI D6.1, “Manual on Uniform Traffic Control Devices”

ANSI/AIHA Z88.6-2006, “Respiratory Protection-Respirator Use-Physical Qualifications for Personnel,” 2006

ANSI/AIHA Z88.7-2010, “Color Coding of Air Purifying Respirator Canisters, Cartridges, and Filters,” 2010

ANSI/AIHA Z88.10-2010, “Respirator Fit Test Methods,” 2010

ANSI/AIHA Z9.5-2012, “American National Standard for Laboratory Ventilation,” 2012

ANSI/ASME A17.1, “American National Standard Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks”

ANSI/ASSE Z359.1, “Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components”

ANSI/BIFMA (Business and Institutional Furniture Manufacturers’ Association) standards for office furniture

ANSI/HFES (Human Factors and Ergonomics Society) standards for computer workstations

ANSI/Illuminating Engineering Society standard RP-1, “Standard Practice for Office Lighting”

ANSI/Illuminating Engineering Society standard RP-7, “Standard Practice for Industrial Lighting”

ANSI/ISEA 107-1999 Standard for High Visibility Apparel – Class II

ANSI S1.4, “Specifications for Sound Level Meters”

ANSI Z9.2, “Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems”

ANSI AWS Z49.1

ANSI/ISEA Z87.1, “Occupational and Educational Eye and Face Protection”

ANSI/ISEA Z89.1, “Industrial Head Protection”

ANSI Z358.1, “Standard for Emergency Eyewashes and Shower Equipment”

Applying Pesticides Correctly – A Guide for Private and Commercial Applicators, U.S. EPA, 1991

ASHRAE STD 55-2010, “Thermal Environmental Conditions for Human Occupancy,” 2010

ASHRAE STD 62.1-2010, “ASHRAE Standard: Ventilation for Acceptable Indoor Air Quality,” 2010

ASME A13.1, “Scheme for the Identification of Piping Systems”

ASME B30.5, “Mobile and Locomotive Cranes

ASME B56.1, “Safety Standard for High Lift and Low Lift Trucks”

ASME Section IX, “Welding and Brazing Qualifications”

ASTM E-1368-05e1, “Standard Practice for Visual Inspection of Asbestos Abatement Projects”

ASTM F2412, “Standard Test Methods for Foot Protection”

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ASTM F2413, "Standard Specification for Performance Requirements for Foot Protection"
 ASTM Committee G4.05, "Fire Hazards in Oxygen Systems: ASTM Standards Technology Training Coursebook"
 ASTM-G93-03, "Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen Enriched Environments"
 ASTM MNL36, "Manual for Safe Use of Oxygen Systems: Handbook for Design, Operations, and Maintenance"

California Proposition 65 – Chemicals Known to the State To Cause Cancer or Reproductive Toxicity

Compressed Gas Association, "Accident Prevention in Oxygen-Rich and Oxygen-Deficient Atmospheres"
 CGA-G4.4, "Oxygen Pipeline and Piping Systems"
 CGA-G7.1, "Commodity Specification for Air"
 CGA P-1-2008, "Safe Handling of Compressed Gases in Containers"
 CGA P39-2008, "Oxygen-Rich Atmospheres"

Department of Transportation Emergency Response Guidebook, latest edition

EP-WI-004, "Energy Systems Test Branch's General Operating Procedure Manual (GOPM)"

ESTA-OP-0-49, "Lithium Battery Handler Certification"

FM Loss Prevention data sheets

IEEE C95.1 Standard, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz"

Industrial Ventilation, a Manual of Recommended Practice, 27th Ed., The American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio, 2010

International Council on Nanotechnology – Phase One Report: Current Knowledge and Practices Regarding Environmental Health and Safety in the Nanotechnology Workplace, October 18, 2006
 International Council on Nanotechnology – Phase Two Report: Survey of Current Practices in the Nanotechnology Workplace, November 13, 2006

LIA/ANSI Z136.1, "Safe Use of Lasers"
 LIA/ANSI Z136.6, "Safe Use of Lasers in Health Care"

"Managing Food Safety: A Manual for the Voluntary Use of HACCP [Hazard Analysis and Critical Control Point] Principles for Operators of Food Service and Retail Establishments"
 Managing Food Safety: A Regulator's Manual for Applying HACCP Principles to Risk-based Retail and Food Service Inspections and Evaluating Voluntary Food Safety Management

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Manual on Uniform Traffic Control Devices, U.S. Department of Transportation

Manufacturing Chemists Association Inc., “Handling Glassware”

NASA Reference Publication 1099, “Lithium/Sulfur Cell and Battery Safety”

National Fire Protection Association Class IA Flammable Liquids

National Fire Protection Association, “Fire Protection Handbook”

National Fire Protection Association, “Industrial Fire Hazards Handbook”

NFPA 1, “National Fire Prevention Code”

NFPA 30, “Flammable and Combustible Liquids Code”

NFPA 33, “Standard for Spray Application Using Flammable or Combustible Materials”

NFPA 45, “Standard on Fire Protection for Laboratories Using Chemicals”

NFPA 51B, “Standard for Fire Prevention During Welding, Cutting and Other Hot Work”

NFPA 55, “**Compressed Gases and Cryogenic Fluids Code**”

NFPA 59A, “Liquefied Natural Gas”

NFPA 70, “National Electrical Code”

NFPA 70E, “Standard for Electrical Safety in The Workplace”

NFPA 77, “Static Electricity”

NFPA 91, “Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids”

NFPA 99B, “Standard for Hypobaric Facilities”

NFPA 101, “Life Safety Code”

NFPA 505, “Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations”

NFPA 704, “Standard System for the Identification of the Hazards of Materials for Emergency Response”

NHS/IH 1845.2, Publication No. 80-106, “Entry Into and Work in Confined Spaces”

NIOSH CIB 59

NIOSH Criteria Document on Working in Confined Spaces

NIOSH Guide to Industrial Respiratory Protection, DHHS (NIOSH) Publication No. 87–116; 1987

NIOSH Method 7400

NIOSH Method 7402

NIOSH Pocket Guide to Chemical Hazards, DHHS (NIOSH) Publication No. 2005-149, 2005

NIOSH Publication IF 87-113, “A Guide to Safety in Confined Spaces”

NIOSH Publication Number 96-132 – “The Effects of Workplace Hazards on Male Reproductive Health”

NIOSH Publication Number 99-104 – “The Effects of Workplace Hazards on Female Reproductive Health”

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NIOSH Publication Number 2012-147 – “General Safe Practices for Working with Engineered Nanomaterials in Research Laboratories”

NIOSH Publication Number 2013-101 – Filling the Knowledge Gaps for Safe Nanotechnology in the Workplace

NIOSH Respirator Selection Logic 2004, Publication DHHS (NIOSH) Pub. No. 2005–100

The Occupational Environment: Its Evaluation, Control, and Management; 3rd Edition, American Industrial Hygiene Association, 2011

OSHA pamphlet 3071, “Job Hazard Analysis”

OSHA Reproductive Hazards

Patty’s Industrial Hygiene, Volumes 1–4, 5th Ed., John Wiley & Sons, Inc., New York, NY, 2000

Presidential Guidelines for Diagnostic X-Rays at Federal Installations, approved January 16, 1978

Prudent Practices for Handling Hazardous Chemicals in Laboratories, National Research Council, National Academy Press, Washington, DC, 1981

“Recommended Work Practices for Removal of Resilient Floor Coverings”

Society of Fire Protection Engineering, “Handbook of Fire Protection Engineering”

Structural Pest Control Board Law and Regulations; The State of Texas, January 1993

Texas Pesticide Applicator Trainer – General Manual: Commercial and Noncommercial; Texas Agricultural Extension Service

International Building Codes

Universal Precautions” guidelines from the Centers for Disease Control and Prevention

U.S. Nuclear Regulatory Guide 8.13 – Instructions Concerning Prenatal Radiation Exposure Commission

Working Safely with Pesticide; U.S. Department of Health, Education, and Welfare, Public Health Service, CDC, NIOSH, March 1976