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Plum Brook Station GRC-W7030.035
Work Instruction No.

Revision **D**

Plum Brook Station Work Instruction

Activation of Interlocks

APPROVED

Approved by Plum Brook Management Office/7030:

NASA - Glenn Research Center
Cleveland, OH 44135

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Glenn Research Center Plum Brook Station Work Instruction	Title: Activation of Interlocks	
	Document No.: GRC-W7030.035	Rev.: D

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Change Record

Rev.	Effective Date	Description
Initial	2/2/99	Initial Release
Initial Release 1	7/12/99	CR 1999-50, multiple formatting & editorial changes
A	7/21/00	CR 2000-50, in section 6.6 change statement "Complete all documentation and forward to work order originator" to "Complete documentation as required by the work order and forward to the work order originator"; modify section 7.0 block 6.6 accordingly.
B	8/11/00	CR 2000-54, in Section 2.1, change the document number for the Glenn Research Center (GRC) safety Manual from "LeR-M0530.001" to LeR-P0530.001"
B1	10/27/00	CR 2000-115 Update Approving Authority to match current listing.
C	10/25/01	CR 2001-59, replace "GRC-P7030.043 Control of Nonconformance" with "GRC-P4.4 Control of Nonconforming Product" in sections 2.0, 6.4.1, and 7.0.
D	5/13/03	CR 2003-24, Removed deleted procedures and modified document number in Section 2.0; removed deleted procedures from Section 7.0.

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1.0 PURPOSE

The purpose of this Work Instruction is to provide instruction for the activation of interlocks on electrical and instrumentation systems.

2.0 REFERENCES

Document Number	Document Title
Internal	Manufacturers manual for test equipment.
Internal	Applicable manual for the electrical equipment.
LeR-M0530.001	Glenn Safety Manual
GRC-P4.4	Control of Nonconforming Product
GRC-P7030.024	Lockout/Tagout

3.0 SAFETY PRECAUTIONS

Verify with operation personnel that the performance of this work will not cause any safety hazards. Follow any safety precautions outlined in the applicable manufacturers' manual.

4.0 TOOLS, EQUIPMENT AND MATERIALS

Required tools as outlined in the manufacturers' manual or the work order.

5.0 PERSONNEL TRAINING AND/OR CERTIFICATION

Journey level electricians.

6.0 INSTRUCTIONS

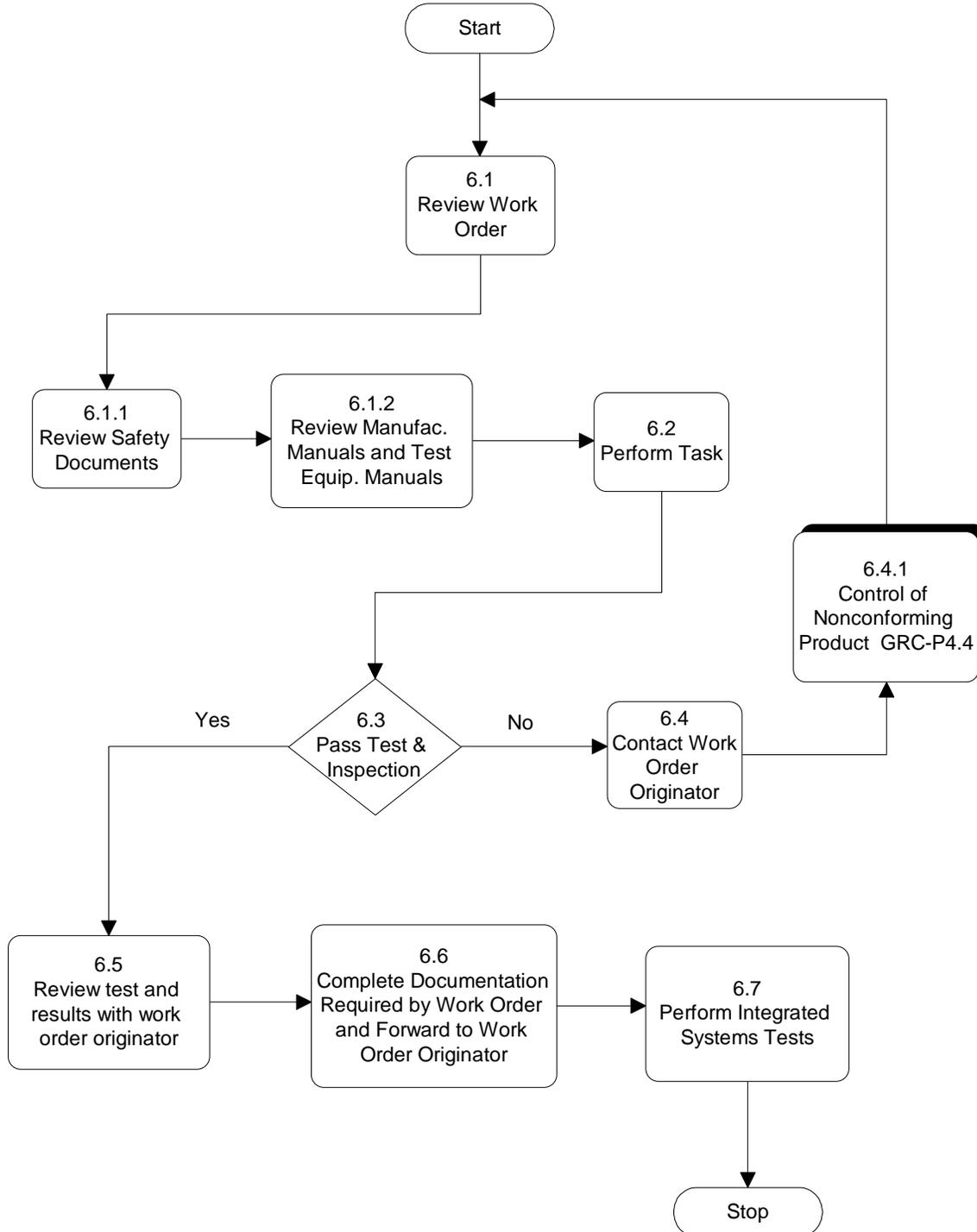
- 6.1 Review the work order and specific work instructions provided by the originator.
 - 6.1.1 Review safety documents.
 - 6.1.2 Review any applicable manufacturers' manual and test equipment manual.
- 6.2 Perform the task as outlined in the work order and any attached specific instructions.
- 6.3 Determine whether the interlock works according to operational requirements. If they do, proceed to step 6.5. If they do not, proceed with step 6.4.
- 6.4 If equipment fails test and inspection contact work order originator.
 - 6.4.1 Proceed with "Control of Nonconforming Product" Procedure GRC-P4.4.
- 6.5 Review installation and test results with work order originator.

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- 6.6 Complete documentation as required by the work order and forward to the work order originator.
- 6.7 Proceed with Integrated Systems Tests.

7.0 FLOW DIAGRAMS



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