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GE Industrial Systems

**Functional Testing Specification**

*Renewal Services  
Louisville, KY*

**LOU-ATE-44C372656G01**

**Test Procedure for a 44C372656G01 tested on the ATE**

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**Functional test procedure for an ATE tested item.**

**1. SCOPE**

1.1 This is a functional testing procedure for a card or unit on ATE1.

**2. STANDARDS OF QUALITY**

2.1 Refer to the current revision of the IPC-A-610 standard for workmanship standards.

**3. APPLICABLE DOCUMENTS**

3.1 The following document(s) shall form part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue shall apply.

2.1.1 **System documentation**

2.1.2 **Folder for unit or card being tested**

**4. ENGINEERING REQUIREMENTS**

**4.1 Equipment Cleaning**

4.1.1 Equipment should be clean and free of debris prior to applying power unless performing an initial check. Refer to the local documented procedures for cleaning guidelines.

**4.2 Equipment Inspection**

4.2.1 Equipment should be visually inspected for any defects prior to applying power. This inspection should include the following as a minimum:

4.2.1.1 Wires broken or cracked

4.2.1.2 Terminal strips / connectors broken or cracked

4.2.1.3 Loose wires

4.2.1.4 Components visually damaged

4.2.1.5 Capacitors leaking

4.2.1.6 Solder joints damaged or cold

4.2.1.7 Circuit board burned or de-laminated

4.2.1.8 Printed wire runs burned or damaged

**5. EQUIPMENT REQUIRED**

5.1 The following equipment is required to perform the process requirements. Equipment may be substituted provided that all accuracy's and test ratios are equivalent or better.

Qty	Reference #	Description
1	H033779	ATE1
		Other items as required by ATE test.

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## 6. TESTING PROCESS

### 6.1 Setup

**6.1.1** As required by ATE instructions

### 6.2 Testing Procedure

**6.2.1** Identify the test to be used on the ATE by matching the model number with the ones on the system and follow the instructions given after execution.

**6.3 \*\*\*TEST COMPLETE \*\*\***

## 7. NOTES

**7.1** None at this time.