



GE Energy

## Functional Testing Specification

Parts & Repair Services  
Louisville, KY

LOU-UTS-IS200BAIA

### Test Procedure for cards tested on the UTS-3000 Tester

**DOCUMENT REVISION STATUS:** Determined by the last entry in the "REV" and "DATE" column

REV.	DESCRIPTION	SIGNATURE	REV. DATE
A	Initial release	E. Rouse	1/2/2008
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<b>PREPARED BY</b> Eric Rouse	<b>REVIEWED BY</b> Jill Hardin	<b>REVIEWED BY</b>	<b>QUALITY APPROVAL</b> <i>Charlie Wade</i>
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**Functional test procedure for a IS200BAIA card tested on the UTS Test System**

**1. SCOPE**

1.1 This is a functional testing procedure for the UTS3000 Tester

**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.

3.1.1 Check board's electronic folder for more information

**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	H188701	UTS3000 Tester
1	H188735	BAIA Fixture

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## 6. TESTING PROCESS

### 6.1 Setup

**6.1.1** Install test fixture H188735.

**6.1.2** As required by UTS3000 instructions.

### 6.2 Testing Procedure

**6.2.1** Identify the test to be used on the UTS3000 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.

## 8. Attachments

**8.1** None at this time.