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GE Energy

Functional Testing Specification

*Parts & Repair Services
Louisville, KY*

LOU-ATE2-IC3650SSNC

Test Procedure for cards tested on the General Purpose Tester

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

REV.	DESCRIPTION	SIGNATURE	REV. DATE
A	Initial release	S. Pharris	11/18/02
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C			

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Functional test procedure for General Purpose Tester

1. SCOPE

- 1.1 This is a functional testing procedure for a. General Purpose Tester for IC3650SSNC cards.

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	H190020	General Purpose testing Computer and Interface
1	PM #20	Personality module
1	H033503	Adaptor (metal box in picture behind keyboard)

6. Testing Process

6.1 Setup

6.1.1 Install UUT into test fixture adaptor H033503.

6.1.2 Install personality Module #20

6.2 Testing Procedure

6.2.1 Follow on screen instructions.

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

7. Notes

7.1 None at this time.

8. Attachment

7.2 Picture of computer, adaptor, personality module, and workstation.

