

<div><div>g</div><div>GE Energy</div></div>		Functional Testing Specification	
<div>Parts &amp; Repair Services</div> <div>Louisville, KY</div>		LOU-ATE1-DS3800NOWA	
Test procedure for a DS3800NOWA card			
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## Functional test procedure for a DS3800NOWA card.

### 1. SCOPE

- 1.1 This is a functional test procedure for cards DS3800NOWA that are to be tested 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.
- 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 site specific SRA's 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
1	H033519	Fixture Box
1	#47	Personality Module

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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 Changes to the electronic ATE test are recorded in the [Software Control Database](#)

## 8. Attachments

8.1 None at this time.