g		GE Energy	Fu	unctional Testing Sp	ecification	
	Parts & Repair Services Louisville, KY			LOU-GED-DS3800HNMB		
			e for a DS3800NHME	3 card		
	MENT REVISION STATUS	3: Determined by the last en	try in the "REV" and "DA			
REV.		DESCRIPTION		SIGNATURE	REV. DATE	
Α	Initial release			Cristyn Edlin	11/30/2012	
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<b>DATE</b> 11/30	/2012	DATE	DATE	<b>DATE</b> 12/5/29012		

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REV. A	Parts & Repair Services	
	Louisville, KY	

#### 1. SCOPE

**1.1** This is a functional testing procedure for a DS3800HNMB Card.

## 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.
    - 3.1.1.1 Reference data sheets 2AA, 4AA and 7AA.

#### 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, cracked, or loosely connected
    - 4.2.1.2 Terminal strips / connectors broken or cracked
    - **4.2.1.3** Components visually damaged
    - 4.2.1.4 Capacitors bloated or leaking
    - 4.2.1.5 Solder joints damaged or cold
    - 4.2.1.6 Circuit board burned or de-laminated
    - 4.2.1.7 Printed wire runs / Traces 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		Fluke 87 DMM (or Equivalent)

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# LOU-GED-DS3800HNMB REV. A

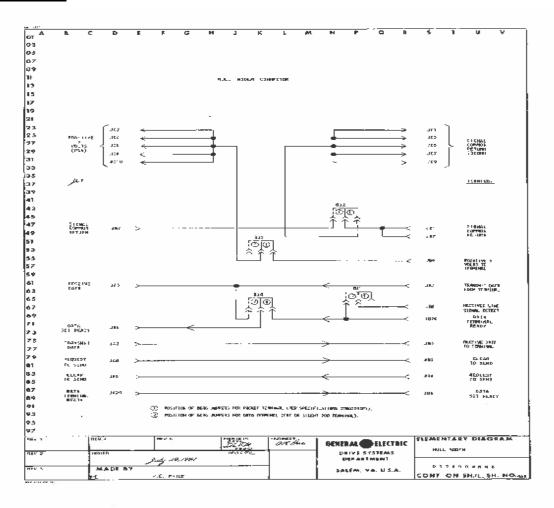
## 6. Testing Process

- **6.1** Place all berg jumpers in position 1.
- **6.2** Verify continuity through all traces in accordance with sheet 4AA (circuit schematic). See attach sheet.
- 6.3 \*\*\*TEST COMPLETE \*\*\*

## 7. Notes

**7.1** None at this time.

# 8. Attachments



DS3800HNMB 4AA Sheet