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D.C. SUPPLIES

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Station		Circuit:	
Manufacturer's Contract No		Contractor's Signature:	
National Contract No:		Accepted by Engineer:	
Contractor:		Date:	

Confirmation that all Stage 1 and Stage 2 commissioning requirements are complete	Commissioning Engineer (Supplier)	Commissioning Engineer (National Grid)
	(Name)	(Name)
	(Signature)	(Signature)

PURPOSE AND SCOPE

This document details the minimum test requirements necessary to ensure DC Supplies are installed in accordance with NGTS 3.12.4

PART 1 - COMMISSIONING

1 CALIBRATED TEST EQUIPMENT

1.1 Record of Calibrated Test Equipment used during Commissioning

	Manufacturer and Type	Serial No	Date Last Calibrated	Date Next Calibration Due
Insulation Resistance Tester				
Voltmeter or Multimeter				
Others (state function)				

2 STAGE 1 - AFTER ERECTION OF BATTERY, CHARGER AND SWITCHBOARD AND CONNECTION OF A.C. SUPPLY TO CHARGER, BUT BEFORE EQUIPMENT IS REQUIRED FOR USE

Object: To ensure erection carried out satisfactorily and that working equipment is available for Stage 2 tests.

- 2.1** Check erection of battery, charger and switchboard and interconnection of same.

Note: Checking of outgoing connections from Distribution Board and input connections to Charger to be included in SCT 21 (General Secondary Wiring and Multi-core Cabling).

- 2.2** Check presence and value of all fuses.

- 2.3** Check insulation to earth of battery connections, using 500 V megger.

- 2.4** Check insulation to earth of Charger and Switchboard, using 500 V megger. Advise Site Engineer if any drying out required.

- 2.5** Check a.c. supply fuse and connections to Charger, and that correct supply is available.

- 2.6** Check that Charger operates normally in both 'Float' and 'Boost' outputs. This does not necessitate carrying out the functional tests required in Stage 2.

At the end of these tests the Charger is to be left in the 'Float' position