Torque Report DC Cable - SKIDS

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Revision Number	2.0
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Revision History

Revision No.	Revision Date	Summary of Changes	Created	Checked	Approved
01	24/10/2024	First Release	RVDK/ESG	ESG/RVDK	LW
02	06/05/2025	Stage torque marks added	LW/ESG	LW/ESG	RVDK

Health and Safety

This test script shall list all safety requirements and PPE required whilst performing the below tasks.

- Safety hard hat
- Safety glasses
- Safety Ark flash high visibility clothing (jacket and trousers)
- Safety Ark Flash gloves
- Safety ankle support boots (no riggers)

Furthermore, **whenever working on batteries ensure that**:

- Only use insulated tools.
- Remove all metal Jewelry and watches etc.
- Eye wash facilities to be stored in a known and locally accessible location.

General Notes:

- A calibrated Instrument must be used, and the certificates of calibration uploaded with these results.
- All readings must be taken with both ends of each cable fully dressed and lugged.
- **All DC cables must be disconnected and not touching any other cable or equipment at either end.**

Equipment Details

Microsoft Equipment ID	LON01-COLO3-CE1-UPS02-BMS01-SKID04
Eaton UPS Model No.	9395P-123-HS PFO.95 LON01
Eaton UPS Serial No.	HPO00020781
SKID Serial No.	J3EATONSKIDLONBASHRD0120
No. of Battery Cabinets per SKID	7

Complete Form

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DC Cable Connections	
Torque Wrench 1 Serial Number	
Torque Wrench 1 Date of Last Calibration	
Torque Wrench 2 Serial Number	
Torque Wrench 2 Date of Last Calibration	

UPS Side			
DC Cables From UPS to DC Tie Panel (UPS Side)	Torque Value	Module Terminal Torque and 1st Torque Mark (80 Nm)	Module Terminal Torque Verification and 2nd Torque Mark (72 Nm)
DC 1 **Positive**	80 Nm	☐	☐
DC 1 **Negative**	80 Nm	☐	☐
DC 2 **Positive**	80 Nm	☐	☐
DC 2 **Negative**	80 Nm	☐	☐

DC Tie Panel Side			
DC Cables From DC Tie to UPS (DC Tie Panel Side)	Torque Value	Module Terminal Torque and 1st Torque Mark (80 Nm)	Module Terminal Torque Verification and 2nd Torque Mark (72 Nm)
DC 1 **Positive**	80 Nm	☐	☐
DC 1 **Negative**	80 Nm	☐	☐
DC 2 **Positive**	80 Nm	☐	☐
DC 2 **Negative**	80 Nm	☐	☐

Final QA and Sign Off			
Module Terminal Torque 1st Mark			
1st Torque Confirmed and Marked with a Blue Marker			Yes ☐ No ☐
Engineer Name		Signature	
Date			
Module Terminal Torque Verification 2nd Mark			
2nd Torque Verification Confirmed and Marked with a White Marker			Yes ☐ No ☐
Engineer Name		Signature	
Date			