|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Completed By:** |  | **Date:** | **/ /** | **Multimeter Serial No:** |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Location ID** |  | **LEU ID** |  | **MIPS200 Serial No.** |  | **MIPS200 Hardware Ver.** |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MIPS200 Power Supply Testing** | | | | | |
|  | **Signal /LEU** | **Voltage Measured** | **Acceptable Range** | **Volts to Earth Active/Positive** | **Volts to Earth Com./Negative** |
| **Input 120Vac (No Load)** |  | **V a.c** | **96/132 V a.c** | **V a.c** | **V a.c** |
| **Busbar 120Vac (Lights etc.)** |  | **V a.c** | **96/132 V a.c** | **V a.c** | **V a.c** |
| **PSU 1 Output (No Load)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |
| **PSU 1 Output (Loaded)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |
| **PSU 2 Output (No Load)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |
| **PSU 2 Output (Loaded)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |
| **PSU 3 Output (No Load)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |
| **PSU 3 Output (Loaded)** |  | **V d.c** | **24 V d.c (+/- 5%)** | **V d.c** | **V d.c** |

**NOTE:** In the 24 V circuit, the negative is connected with the earth (design of the equipment)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Contact Sensing (Toroidal Transformer) Power Supply Testing** | | | | |
| **Toroidal Transformer ID:** |  | **Volts (Vac)** | **Acceptable Range** | **Current (mA)** |
| **Input 120 V a.c (No Load primary)** | |  | **96-132 V a.c** |  |
| **Busbar 120 V a.c (on load)** | |  | **96-132 V a.c** |  |
| **Transformer Secondary 1 (12 V a.c)** | |  | **10.6-15.7 V a.c**  **(8.5:1 ±5%)** |  |
| **Transformer Secondary 2 (12 V a.c)** | |  | **10.6-15.7 V a.c**  **(8.5:1 ±5%)** |  |
| **Transformer Current Balance** | |  | **Currents within 10%  (of each other)** | **OK / Not OK** |

|  |
| --- |
| **Remarks:** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Tester** | Name | Signature | / / |
| **Maintenance Signalling Engineer** | Name | Signature | / / |