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| GENERAL DATA AND INFORMATION  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Designation** |  |  | **Type of Meter :** | A1800 | | **Manufacturer :** |  |  | **Serial No.:** |  | | **CT Ratio :** | 1200/1A |  | **Meter Constant:** | Kh = 0.2 | | **VT Ratio :** |  |  | **Wh/Imp =** | 275520 | | **Meter Class** | 0.2, 0.5 |  | **Standard Meter** | CALPORT 100 |  MECHANICAL CHECKS AND VISUAL INSPECTION  |  |  |  | | --- | --- | --- | | ITEM | DESCRIPTION | CHECKED | | 1 | Inspect for any physical damage or defects. |  | | 2 | Check tightness of all bolted connections. |  | | 3 | Verify connections as per approved drawing |  | | 4 | Check apparatus lists |  | | 5 | Test switch / plug checked for correct function |  |  PROGRAMMED DISPLAY SEQUENCE  1. **Normal Mode :** 2. VT Ratio 3. CT Ratio 4. Phase A Voltage 5. Phase A Current 6. Phase A KW 7. Phase A KVAR 8. Phase A KVA 9. Phase A Power Factor 10. Phase B Voltage 11. Phase B Current 12. Phase B KW 13. Phase B KVAR 14. Phase B KVA 15. Phase B Power Factor 16. Phase C Voltage 17. Phase C Current 18. Phase C KW 19. Phase C KVAR 20. Phase C KVA 21. Phase C Power Factor 22. Line Frequency 23. Current Billing Total KWh-Delivered 24. Current Billing Maximum KW-Delivered 25. Current Billing Total KWh-Received 26. Current Billing Maximum KW- Received 27. Current Billing Total KVARh- Delivered 28. Current Billing Maximum KVAR- Delivered 29. Current Billing Total KVARh- Received 30. Current Billing Maximum KVAR- Received 31. **Alternative Mode :** 32. Program ID 33. Current Billing Total KWh-Delivered 34. Current Billing Rate A KWh-Delivered 35. Demand Resets (All) 36. Complete LCD Test 37. **Test Mode :**  SECONDARY INJECTION:  * 1. **CALIBRATION TEST**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Meter Display** | **R** | **Y** | **B** | **Remarks** | | Voltage (kV) |  |  |  |  | | Current (kA) |  |  |  |  | | KW (MW) |  |  |  |  | | KVAR (MVAR) |  |  |  |  | | KVA (MVA) |  |  |  |  | | Power Factor |  |  |  |  |  * 1. **ACCURACY TEST**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Injected Current** | **Applied Voltage (V)** | **Power Factor** | **% Error shown by Standard Meter** | **Remarks** | | 0.25 | 66.4 | 0.86 |  |  | | 0.25 | 66.4 | - 0.5 |  |  | | 0.25 | 66.4 | - 0.86 |  |  | | 0.25 | 66.4 | 0.5 |  |  |  * 1. **PULSE COUNT CHECK FOR 1 MINUTE**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Injected Current** | **Applied Voltage (V)** | **Power Factor** | **% Error shown by Standard Meter** | **Remarks** | | 1.2 | 66.4 | 1 |  |  | | 1.2 | 66.4 | 0.86 |  |  | | 1.2 | 66.4 | 0.5 |  |  | | 1.00 | 66.4 | 1 |  |  | | 1.00 | 66.4 | 0.86 |  |  | | 1.00 | 66.4 | 0.5 |  |  | | 0.8 | 66.4 | 1 |  |  | | 0.8 | 66.4 | 0.86 |  |  | | 0.8 | 66.4 | 0.5 |  |  |      1. **TEST EQUIPMENTS :** 2. **Megger FREJA 300 Serial** **No**.:   **Calibration** **Date**: **Due** **Date**:   1. **CALPORT 100 Serial No**.:   **Calibration** **Date**: **Due** **Date**: |