# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** REGIONAL METER TESTING LABORATORY-INDORE, URJA PARISAR, GPH CAMPUS , POLOGROUND, INDORE, MADHYA PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-10767 **Page No** 1 of 2

**Validity** 29/06/2022 to 28/06/2024 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical & Electronic (Static) Energy Meters (class 1.0 and 2.0) | Test of Insulation Properties (ii) Insulation Test | (Cl. 12.7.6.4) IS13779 |
| 2 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic (Static) Energy Meters( class 1.0 and 2.0) | Test of accuracy Requirements:- Test of starting condition | (Cl. 12.14) IS13779 |
| 3 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters (class 1.0 and 2.0) | Test of Accuracy Requirements: Test of Meter Constant | (Cl. 12.15) IS13779 |
| 4 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters( class 0.5s and 0.2s) | Test of Accuracy requirements. Test on Limits of Error due to variation of Current | (Cl. 11.1)IS14697 |
| 5 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters( class 1.0 and 2.0) | Test of Accuracy requirements. Test on limits of Error Due to variation of current | (Cl. 11.1) IS13779 |
| 6 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Accuracy Requirements. Test of Meter Constant | (Cl.12.14) IS14697 |
| 7 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Accuracy Requirements. Test of Repeatability of Error | (Cl. 12.16)IS14697 |
| 8 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Accuracy Requirements. Test of starting Condition | (Cl. 12.13) IS14697 |
| 9 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Accuracy requirements: Test of No-Load Condition | (Cl.12.12) IS14697 |
| 10 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Electrical Requirements . Test for Power Consumption | (Cl12.7.1)IS14697 |

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|---|---|---|---|---|
| 11 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Insulation properties (ii) Insulation Test | (Cl. 12.7.6.4) IS 14697 |
| 12 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 1.0 and 2.0) | Test of Accuracy requirements: Test of No Load condition | (Cl. 12.13) IS13779 |
| 13 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 1.0 and 2.0) | Test of Accuracy Requirements: Test of Repeatability of Error | (Cl12.17)IS13379 |
| 14 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 1.0 and 2.0) | Test of Electrical Requirement. Test of Power Consumption Test | (Cl. 12.7.1) IS13779 |
| 15 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical and Electronic(Static) Energy Meters(class 1.0 and 2.0) | Test of Insulation Properties (i) AC High Voltage Test | (Cl. 12.7.6.3) IS13779 |
| 16 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Electrical Electronic(Static) Energy Meters(class 0.5s and 0.2s) | Test of Insulation Properties. (i) AC High voltage Test | (Cl. 12.7.6.3)IS14697 |