National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : URBAN TESTING DIVISION MSEDCL, PLOT NO. C-22, POLE FACTORY PREMISES, MIDC,SATPUR, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5289 **Page No** 1 of 1

Validity 11/02/2023 to 10/02/2025 **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	AC Static Watt-hour Meters, Class 2	Long Duration Dial Test	IS 9792 (Part-I)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var - Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features	Insulation Test	IS 13779 (Cl.12.7.6.4), IS 14697 (Cl.12.7.6.4)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var - Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features	Power Consumption in Voltage and Current Circuit	IS 13779 (Cl.12.7.1), IS 14697 (Cl.12.7.1)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features	AC High Voltage	IS 13779 (Cl.12.7.6.3), IS 14697 (Cl.12.7.6.3)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features	Test of No Load Condition	IS 13779 (Cl.12.13), IS 14697 (Cl.12.12)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features	Test of Starting Condition	IS 13779 (Cl.12.14), IS 14697 (Cl.12.13)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features)	Tamper Test : Missing Potential & Potential Imbalance, Current Imbalance, Current Reversal, Power ON/OFF, Current Circuit Short.	CBIP Publication No. 325, Cl.6.7
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features)	Test for Meter Constant	IS 13779 (Cl.12.15), IS 14697 (Cl.12.14)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features)	Test of Limits of Error	IS 13779 (Cl.11.11), IS 14697 (Cl.11.1)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic(Static) Energy Meters AC Static Watt-hour Meters, Class 1 & 2 and AC Static Transformer Operated Watt- Hour and Var-Hour Meters, Class 0.2s, 0.5s and 1.0s(With and without TOD/ABT/Summation Features)	Test of Repeatability of Errors	IS 13779 (Cl.12.17), IS 14697 (Cl.12.16)