National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METER TESTING LABORATORY, TPWODL, BURLA, SAMBALPUR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11546 **Page No** 1 of 2

Validity 12/04/2023 to 11/04/2025 **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	A.C. Static Watthour Meters (Class 1 and 2)	Test of No-Load Condition	IS 13779 (Clause 12.13)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Watthour Meters (Class 1 and 2)	Test on Limits of Error	IS 13779 (Clause 11.1)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter (Class 1 and 2)	Test on Limits of Error	IS 16444 (Part 1) (Clause 6.12)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter (Class 1 and 2)	Meter Constant	IS 16444 (Part 1) (Clause 6.12)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter (Class 1 and 2)	Test of No-Load Condition	IS 16444 (Part 1) (Clause 6.12)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter (Class 1 and 2)	Test of Starting Conditions	IS 16444 (Part 1) (Clause 6.12)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters (Class 0.2S, 0.5S and 1.0S)	Meter Constant	IS 16444 (Part 2) (Clause 6.12)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters (Class 0.2S, 0.5S and 1.0S)	Test of No-Load Condition	IS 16444 (Part 2) (Clause 6.12)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters (Class 0.2S, 0.5S and 1.0S)	Test of Starting Conditions	IS 16444 (Part 2) (Clause 6.12)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters (Class 0.2S, 0.5S and 1.0S)	Test on Limits of Error	IS 16444 (Part 2) (Clause 6.12)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of No-Load Condition	IS 14697 (Clause 12.12)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Meter Constant	IS 14697 (Clause 12.14)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Limits of Errors	IS 14697 (Clause 11.1)
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Starting Conditions	IS 14697 (Clause 12.13)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Watthour Meters (Class 1 and 2)	Meter Constant	IS 13779 (Clause 12.15)
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Watthour Meters (Class 1 and 2)	Test of Starting Conditions	IS 13779 (Clause 12.14)