National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TPCODL METER TESTING LABORATORY BHUBANESWAR, POWER HOUSE COLONY UNIT-8, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11601 **Page No** 1 of 2

Validity 02/05/2023 to 01/05/2025 **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 Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test on Limits of Error	Clause No. 11.1 of IS 14697
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Meter Constant	Clause No. 12.14 of IS 14697
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of No Load Conditions	Clause No. 12.12 of IS 14697
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Starting Conditions	Clause No. 12.13 of IS 14697
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter- Class1 And Class 2	Test of No Load Condition	Clause No. 6.12 of IS 16444 (Part-1)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter- Class1 And Class 2	Test of Starting Conditions	Clause No. 6.12 of IS 16444 (Part-1)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter- Class1 And Class 2	Test on Meter Constant	Clause No. 6.12 of IS 16444 (Part 1)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Direct Connected Watthour Smart Meter- Class1 And Class 2	Tests on Limits on Error	Clause No. 6.12 of IS 16444 (Part 1)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watt-Hour and VAR-Hour Smart Meters, Class 0.2S, 0.5S and 1S	Test of Meter Constant	Clause No. 6.12 of IS 16444 (Part-2)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watt-Hour and VAR-Hour Smart Meters, Class 0.2S, 0.5S and 1S	Test of No Load Condition	Clause No. 6.12 of IS 16444 (Part-2)

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Certificate Number TC-11601 **Page No** 2 of 2

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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
11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watt-Hour and VAR-Hour Smart Meters, Class 0.2S, 0.5S and 1S	Test of Starting Conditions	Clause No. 6.12 of IS 16444 (Part-2)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C. Static Transformer Operated Watt-Hour and VAR-Hour Smart Meters, Class 0.2S, 0.5S and 1S	Test on Limits of Error	Clause No. 6.12 of IS 16444 (Part 2)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt hour Meters of Class 1 &2	Test of Meter Constant	Clause No. 12.15 of IS 13779
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt hour Meters of Class 1 &2	Test of No Load Condition	Clause No. 12.13 of IS 13779
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt hour Meters of Class 1 &2	Test of Starting Conditions	Clause No. 12.14 of IS 13779
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt hour Meters of Class 1 &2	Tests on Limits of Error	Clause No. 11.1 of IS13779