National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METER TESTING AND CALIBRATION LABORATORY, THE TATA POWER COMPANY LIMITED, DHARAVI RECEIVING STATION, MATUNGA, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5326 **Page No** 1 of 2

Validity 18/01/2023 to 17/01/2025 **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 direct connected watt hour smart meter class 1 and 2	Test of Limits of Error	IS 16444 with amendment no. A2 (Clause No: 6.12)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static direct connected watt hour smart meter class 1 and 2	Test of Meter Constant	IS 16444 with amendment no. A2 (Clause No: 6.12)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static direct connected watt hour smart meter class 1 and 2	Test of No Load Condition	IS 16444 with amendment no. A2 (Clause No: 6.12)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static direct connected watt hour smart meter class 1 and 2	Test of Smart Meter Functional Requirement	IS 16444 with amendment no. A2 (Clause No: 11
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static direct connected watt hour smart meter class 1 and 2	Test of Starting Condition	IS 16444 with amendment no. A2 (Clause No: 6.12)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watt hour and var - Hour smart meters, class 0.2 S, 0.5 S	Test of Limits of Error	IS 16444 Part 2 with amendment A1 (Clause No: 6.12)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watt hour and var - Hour smart meters, class 0.2 S, 0.5 S	Test of Meter Constant	IS 16444 Part 2 with amendment no. A1 (Clause No: 6.12)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watt hour and var - Hour smart meters, class 0.2 S, 0.5 S	Test of No Load Condition	IS 16444 Part 2 with amendment no. A1 (Clause No: 6.12)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watt hour and var - Hour smart meters, class 0.2 S, 0.5 S	Test of Smart Meter Functional Requirement	IS 16444 Part 2 with amendment no. A1 (Clause No: 10)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watt hour and var - Hour smart meters, class 0.2 S, 0.5 S	Test of Starting Condition	IS 16444 Part 2 with amendment no. A1 (Clause No: 6.12)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Meters, Class 0.2 S, 0.5 S	Test of Limits of Error	IS 14697 with amendment no. A0 (Clause No: 11.1)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Meters, Class 0.2 S, 0.5 S	Test of Meter Constant	IS 14697 with amendment no. A0 (Clause No: 12.14 & 11.6)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Meters, Class 0.2 S, 0.5 S	Test of No-Load Condition	IS 14697 with amendment no. A0 (Clause No: 12.12 & 11.4)
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Meters, Class 0.2 S, 0.5 S	Test of Starting Condition	IS 14697 with amendment no. A0 (Clause No: 12.13,11.5 & 11.4)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and Class 2	Test of Limits of error	IS 13779 with amendment no. A0 (Clause No: 11.1)
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and Class 2	Test of Meter Constant	IS 13779 with amendment no. A0 (Clause No: 12.15 & 11.6)
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and Class 2	Test of No-Load Condition	IS 13779 with amendment no. A0 (Clause No: 12.13 & 11.4)
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and Class 2	Test of Starting Condition	IS 13779 with amendment no. A0 (Clause No:12.14,11.5 & 11.4)