National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL METER TESTING LABORATORY, M.P.M.K.V.V.CO. LTD., NISHTHA PARISAR GOVINDPURA, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7320 **Page No** 1 of 2

Validity 24/05/2022 to 23/05/2024 **Last Amended on** 03/08/2022

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	Energy Meters Accuracy class 1.0	Limits of Error Due to variation of The Current	CL . No 11.1 & 12.10.1 of IS 13779:2020 and Cl 6.12 of IS 16444
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	AC high voltage test	CL.No 12.7.6.3 -of IS 14697:1999 & Cl 6.10.6 of IS 16444 (Part 2)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Test of starting condition	CL.No. 11.5 & 12.13 of IS 14697:1999 & Cl 6.12 of IS 16444 (Part 2): 2017
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Insulation Resistance Test	CL.No 12.7.6.4 of IS 14697:1999 & Cl 6.10.6 of IS 16444 (Part 2)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Limits of Error Due to Other Influence Quantities	CL.No 11.2 & 12.10.14697 :1999 & Cl 6.12 of IS 16444 (Part 2)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Test of Meter Constant / Registration	CL.No. 11.5 & 12.14 of IS 14697:1999 & Cl 6.12 of IS 16444 (Part 2)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Test of No Load condition	CL.No 12.12 of IS 14697:1999 & Cl 6.12 of IS 16444 (Part 2):
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Test of Power Consumption	CL.No. 9.1 & 12.7.1 of IS 14697
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Test of Repeatability of Errors	CL.No 12.16 of IS 14697:1999 and Cl: No 6.12 of IS 16444 (Part 2)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 0.5s & 0.2s	Limits of Error Due to variation of The Current	CL.No.11.1 & 12.9.1 of IS 14697:1999 & Cl 6.12 of IS 16444 (Part 2)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	Power Consumption Test	CL.No 12.7.1 of IS 13779
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	Test of No Load condition	CL. No. 11.4 & 12.13 of IS 13779 :2020 & Cl 6.12 of IS 16444
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	A. C. high voltage test	CL.No. 12.7.6.3 of IS 13779: 2020 & 6.10.6 of IS 16444
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	Insulation Resistance test	CL.No 12.7.6.4 of IS 13779:2020 & & 6.10.6 of IS 16444
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	Test of Repeatability of Errors	CL.No. 11.7 & 12.17 of IS 13779:2020 & IS 16444
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy Class : 1.0	Test of Starting Condition	CL. No. 11.5 & 12.14 of IS 13779 and Cl 6.12 of IS 16444
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy class 1.0	Limits of Error Due to other influence Quantities	CL . No 11.2 & 12.10.1 of IS 13779& 6.12 of IS 16444
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meters Accuracy class 1.0	Test of Meter Constant	CL.No. 11.6 & 12.15 of IS 13779 & Cl 6.12 of IS 16444:2015