National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD., TESTING AND QUALITY ASSURANCE LABORATORY, PUNE SASWAD ROAD, VILLAGE-PHURSUNGI, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6361	**Page No**	1 of 2
Validity	31/10/2022 to 30/10/2024	**Last Amended on**	02/12/2022

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	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 0.2S, 0.5S, 1.0S	Tamper Test	CBIP 325
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Insulation Test	IS 13779
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test for power consumption	IS 13779
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test of meter constant	IS 13779
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test of No load Condition	IS 13779
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test of Repeatability of errors	IS 13779
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test of Starting Condition	IS 13779
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-Hour Meter Class 1 & Class 2, Static Transformer Operated Watt-Hour and Var-Hour Meter Class 1 and Class 2.	Test on Limits of Errors	IS13779
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Insulation Test	IS14697 - First Revision
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test for power consumption	IS 14697 - First Revision

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test of Limits of Errors	IS14697 - First Revision
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test of Meter constant	IS 14697 - First Revision
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test of No load condition	IS 14697 - First Revision
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test of Repeatability of errors	IS 14697 - First Revision
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 0.2s and 0.5s. And, AC Static Transformer Operated Watt-hour Meters Class 0.2s and 0.5s and Var-hour Meters Class 0.2s, 0.5s and 1.0s.	Test of Starting Condition	IS 14697 - First Revision