National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KERALA STATE ELECTRICITY BOARD LIMITED (METER TESTING LABORATORY), TMR DIVISION - THIRUMALA, THIRUVANANTHAPURAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9316 **Page No** 1 of 2

Validity 09/03/2023 to 08/03/2025 **Last Amended on** 21/03/2023

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 TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Limits of Error due to Variation of the Current	IS 14697 Clause 11.1
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Limits of Error due to Variation of the Current in Reactive Energy	IS 14697 Clause 11.1
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Meter Constant (Active Energy)	IS 14697 Clause 12.14
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Meter Constant (Reactive energy)	IS 14697 Clause 12.14
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Repeatability of Error Test	IS 14697, Clause 12.16
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Running with No Load / Test of No Load Condition	IS 14697 Clause 12.12
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Starting Current / Test at Starting Condition	IS 14697 Clause 12.13
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATT HOUR METERS, CLASS 1 AND 2	Limits of Error due to variation of the Current	IS 13779 Clause 11.1
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATT HOUR METERS, CLASS 1 AND 2	Meter Constant	IS 13779 Clause 12.15
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATT HOUR METERS, CLASS 1 AND 2	Repeatability of Error Test	IS 13779 Clause 12.17

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATT HOUR METERS, CLASS 1 AND 2	Running with No Load Condition / Test of No Load Condition	IS 13779 Clause 12.13
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATT HOUR METERS, CLASS 1 AND 2	Starting Current / Test of Starting Conditions	IS 13779, Clause 12.14