National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING & CALIBRATION LABORATORY, CTC, DVC, MAITHON, GOSWAMI BHAWAN, AREA NO. 6, P.O. MAITHON DAM, DHANBAD, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7542 **Page No** 1 of 2

Validity 22/12/2022 to 21/12/2024 **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 WATTHOUR METERS, CLASS 1 AND 2	Repeatability of Error	CL 12.17, IS 13779
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	ac High Voltage.	CL 12.7.6.3, IS 14697
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Initial Start-up of the meter	CL 11.4.1 of IS 14697
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Insulation Resistance	CL 12.7.6.4, IS 14697
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Limits of Error	CL 11.1, IS 14697
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Meter Constant	CL 12.14, IS 14697
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	No Load Condition	CL 11.4 & 12.12 , IS 14697
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Power Consumption	CL 9.1 & 12.7.1, IS 14697
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS (CLASS 0.2S AND 0.5S) AND VAR-HOUR METERS (CLASS 0.2S, 0.5S AND 1S)	Starting Current	CL 11.5, 12.13 , IS 14697
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Repeatability of Error	CL 11.7 & 12.16 , IS 14697

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 AND 2	ac High Voltage	CL12.7.6.3 , IS 13779
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	Initial Start-up of the meter	CL 11.4.1 of 13779
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	Insulation Resistance	CL 12.7.6.4 , IS 13779
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	Limits of Error	CL 11.1, IS 13779
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	Meter Constant	CL 12.15 , IS 13779
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	No Load Condition	CL 12.13, IS 13779
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 AND 2	Power Consumption	CL 9.1 & 12.7.1, IS 13779
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATTHOUR METERS, CLASS 1 AND 2	Starting Current	CL 11.5, 12.14 , IS 13779