National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METER TESTING LABORATORY, RRVPNL, 132 KV GSS PREMISES, PRATAPNAGAR, UDAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6774 **Page No** 1 of 2

Validity 17/12/2021 to 16/12/2023 **Last Amended on** 27/03/2022

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 transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Insulation Resistance	IS 14697 (Clause No. 12.7.6.4) & IS 13779 (Clause No. 12.7.6.4)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	A.C. High Voltage	IS 14697 (Clause No. 12.7.6.3) and IS 13779 (Clause No. 12.7.6.3)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Frequency Variation	IS 14697 (Clause No. 11.2 & 12.10) and IS 13779 (Clause No. 11.2 & 12.11)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Limits of Error	IS 14697 (Clause No. 11.1 & 12.9.1) and IS 13779 (Clause No. 11.1)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Meter Constant	IS 14697 (Clause No. 11.6 & 12.14), IS 13779 (Clause No. 11.6 & 12.15)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	No Load condition	IS 14697 (Clause No. 11.4.2 & 12.12) and IS 13779 (Clause No. 11.4.2 & 12.13)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Power Consumption	IS 14697 (Clause No. 9.1) and IS 13779 (Clause No. 9.1)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Repeatability of Error	IS 14697 (Clause No. 11.7 & 12.16) and IS 13779 (Clause No. 11.7 & 12.17)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Reversed Phase Sequence	IS 14697 (Clause No. 11.2 & 12.10) and IS 13779 (Clause No. 11.2 & 12.11)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Starting Condition	IS 14697 (Clause No. 11.5 & 12.13) and IS 13779 (Clause No. 11.5 & 12.14)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Voltage Variation	IS 14697 (Clause No. 11.2 & 12.10) and IS 13779 (Clause No. 11.2 & 12.11)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated Wh, Varh meters (Class 0.2s, 0.5s)	Waveform: 10 % of 3rd Harmonic in current	IS 14697 (Clause No. 11.2 & 12.10) and IS 13779 (Clause No. 11.2 & 12.11)