

Laboratory Meter Testing Laboratory, RRVPL, 132 kV Chambal GSS Premises,
Hawa Sarak, Civil Lines, Jaipur, Rajasthan

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6772 (in lieu of T-2094)

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Validity 13.12.2017 to 12.12.2019

Last Amended on 12.01.2018

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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ELECTRICAL TESTING

I.	ELECTICAL INDICATING & RECORDING INSTRUMENTS			
1.	AC Static Transformer operated Wh-VARh meter	Limits of Error	IS 14697 (upto Amd. 3) Clause No. 11.1	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		Meter Constant	IS 14697 (upto Amd. 3) Clause No 11.6 and 12.14	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		Starting condition	IS 14697 (upto Amd. 3) Clause No. 11.5 and 12.13	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		No Load condition	IS 14697 (upto Amd. 3) Clause No. 11.4 and 12.12	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		Repeatability of Error	IS 14697 (upto Amd. 3) Clause No. 11.7 and 12.16	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		Power Consumption	IS 14697 (upto Amd. 3) Clause No. 9.1.1 and 9.1.2	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF

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		Reverse Phase Sequence	IS 14697 (upto Amd. 3) Clause No. 9.1.1 and 9.1.2	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF
		Influence quantities Voltage Variation Frequency Variation 10% of 3 rd harmonic in current	IS 14697 (upto Amd. 3) Clause No. 9.1.1 and 9.1.3	40 V to 320 V (P-N), 1 mA to 120 A, 47.5 Hz to 52.5 Hz, 0.5 lag UPF to 0.8 lead & UPF

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