

Laboratory **Q.A. Lab, Progressive Meters Pvt. Ltd., J-394-395, RIICO Industrial Area, Sitapur, Jaipur, Rajasthan**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6614**

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Validity **29.11.2017 to 28.11.2019**

Last Amended on --

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.	MEASURING INSTRUMENTS - ELECTRICAL AND ELCTRONICS (STATIC) ENERGY METERS			
1.	ac Static Watt hour Meters	ac High Voltage Test	IS 13779, Amd. 5 Clause. 12.7.6.3	Qualitative (0.1 kV to 4 kV)
		Insulation Resistance	IS 13779, Amd. 5 Clause. 12.7.6.4	500 kΩ to 40 GΩ 500 V + 50 V DC
		Starting Condition	IS 13779, Amd. 5 Clause.12.14 (Table 19)	10 mA to 120 A
		No-Load condition	IS 13779, Amd. 5 Clause.12.13	50 V to 276 V
		Meter Constant	IS 13779, Amd. 5 Clause. 12.15 (Table 15)	50 V to 240 V 10 mA to 120 A 0.5 lag-UPF-0.8 lead 1 W to 24 W 45 Hz to 60 Hz
		Repeatability of Error	IS 13779, Amd. 5 Clause.12.17	50 V to 240 V 10 mA to 120 A 0.5 lag-UPF-0.8 lead 1 W to 24 W 45 Hz to 60 Hz
		Limits of Error	IS 13779, Amd. 5 Clause. 11.11	50 V to 240 V 10 mA to 120 A 0.5 lag-UPF-0.8 lead 1 W to 24 W 45 Hz to 60 Hz
		Power Consumption	IS 13779, Amd. 5 Clause.12.7.1 (Table 9 & 10)	0.01 VA to 20 VA 1 mW to 20 W