

**Laboratory** Genus Power Metering Laboratory, Plot No. 09, Sector-02, SIDCUL, BHEL, Ranipur, Haridwar, Uttarakhand

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

**Discipline** Electrical Testing **Issue Date** 03.08.2016

**Certificate Number** T-4076 **Valid Until** 02.08.2018

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I.</b>	<b>MEASURING INSTRUMENTS - ELECTRICAL AND ELECTRONIC (STATIC) ENERGY METERS</b>			
<b>1.</b>	<b>AC Static Watt hour &amp; Var-Hour Meter Class 1.0, 2.0, 0.5, 0.2</b>	AC high voltage	IS 13779: 1999 Class 1.0 IS 14697: 1999 Class 0.5S Clause. 12.7.6.3 Clause. 12.7.6.3	0.5 kV to 5 kV 100 mA
		Insulation	Clause. 12.7.6.4 Clause. 12.7.6.4	0.02 MΩ to 1000 MΩ 50 V to 500 V
		Limits of error	Clause. 11.1 Clause. 11.1	50 V to 500 V 1 mA to 120 A
		Starting condition	Clause. 12.14 Clause. 12.13	50 V to 500 V 1 mA to 120 A
		Meter constant	Clause. 12.15 Clause. 12.14	50 V to 500 V 1 mA to 120 A
		No-load condition	Clause. 12.13 Clause. 12.12	50 V to 500 V 1 mA to 120 A
		Repeatability of error	Clause. 12.17 Clause. 12.16	50 V to 500 V 1 mA to 120 A
		Power consumption	Clause. 12.7.1	1 μA to 10 A 0.05 W to 15 W 1 mV to 500 V

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