

**Laboratory** Meter Testing Laboratory, Torrent Power Limited, Torrent House,  
Station Road, Badri Road, Surat, Gujarat

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

**Certificate Number** TC-5178

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**Validity** 22.07.2019 to 12.01.2021

Last Amended on --

*"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"*

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.	<b>MEASURING INSTRUMENTS</b>			
1.	<b>AC Static Energy Meter Class 0.2S, 0.5S, 1 &amp; 2</b>	Limits of error	IS 13779 IS 14697	40V to 300 V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag
		No load condition	IS 13779/IS 14697	40V to 300V
		Influence Quantities Frequency Variation	IS 13779 IS 14697	40V to 300V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag
		Influence Quantities Reverse Phase Sequence	IS 13779 IS 14697	40V to 300V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag
		Influence Quantities Voltage Unbalance	IS 13779 IS 14697	40V to 300 V 10 mA to 100 A 45Hz to 55Hz 1 to 0.5 lead / lag
		Influence Quantities Voltage Variation	IS 13779 IS 14697	40V to 300 V 10mA to 100A 45Hz to 55Hz 1 to 0.5 lead / lag
		Meter Constant	IS 13779 IS 14697	40V to 300 V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag
		Repeatability of Error	IS 13779 IS 14697	40V to 300 V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Starting current	IS 13779 IS 14697	40V to 300 V 10 mA to 100 A 45Hz to 55 Hz 1 to 0.5 lead / lag

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Prachi Kukreti  
Convenor

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Mallika Gope  
Program Manager