

Laboratory Meter Testing Laboratory, Torrent Power Limited, "A" Receiving Station, Tilak Maidan, Cinema Road, Surat, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2780

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Validity 18.04.2019 to 05.09.2020

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
1.	MEASURE			
1.	AC Voltage [§]	50 Hz 10 V to 300 V	0.04 %	Using Reference MTE PRS600.3 + Power Source SPE120.3 by Comparison Method
2.	AC Current [§]	50 Hz 10 mA to 120 A	0.07 %	Using Reference MTE PRS600.3 + Power Source SPE120.3 by Comparison Method
3.	Frequency [§]	45 Hz to 55 Hz	0.04 %	Using Reference MTE PRS600.3 + Power Source SPE120.3 by Comparison Method
4.	Power Factor [§]	50 Hz +0.5 PF to 1 PF to (- 0.5) PF	0.012 PF	Using Reference MTE PRS600.3 + Power Source SPE120.3 by Comparison Method
5.	AC Power / Energy 1 Phase & 3 Phase [§] Active Cos \emptyset ± 0.5 to 1 Reactive Sin \emptyset ± 0.5 to 1	45 Hz to 55 Hz 40 V to 300 V 10 mA to 120 A Active 0.2 W to 108.0 kW Reactive 0.2 VAr to 108.0 kVAr	 0.08 % 0.09 %	Using Reference MTE PRS600.3 + Power Source SPE120.3 by Comparison Method

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

[§]Only in Permanent Laboratory

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