

Laboratory	Meter Testing and Calibration Laboratory, The TATA Power Company Limited, Dharavi Receiving Station, Near Shalimar Industrial Estate, Matunga, Mumbai , Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Electro-Technical Calibration	Issue Date	07.11.2014
Certificate Number	C-1152	Valid Until	06.11.2016
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
MEASURE			
1. AC POWER / ENERGY^s SINGLE PHASE (Active/ Reactive)	50 Hz 30 V to 300 V 10 mA to 120 A UPF to 0.8 PF	0.05 % to 0.08 %	Using Power/Energy Reference meter By Direct/Comparison Method
THREE PHASE (Active/ Reactive)	50 Hz 30 V to 300 V 10 mA to 120 A UPF to 0.8 PF	0.03 % to 0.08 %	
SINGLE PHASE (Active/ Reactive)	50 Hz 30V to 300 V 10 mA to 120 A 0.8 PF to 0.5 PF	0.06 % to 0.12%	
THREE PHASE (Active/ Reactive)	50 Hz 30V to 300 V 10 mA to 120 A 0.8 PF to 0.5 PF	0.04 % to 0.12 %	
SINGLE PHASE (Active/ Reactive)	50 Hz 30V to 300 V 10 mA to 120 A 0.5 PF to 0.2 PF	0.07 % to 0.3 %	

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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
THREE PHASE (Active/ Reactive)	50 Hz 30V to 300 V 10 mA to 120 A 0.5 PF to 0.2 PF	0.06 % to 0.3 %	

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

\$ Only in Permanent Laboratory