

Laboratory **Meter Testing and Standards Laboratory, Department of Electrical Inspectorate, Fourth Floor, B-Block, Civil Station, Kozhikode, Kerala**

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

Certificate Number **CC-2815** Page **1 of 1**

Validity **30.08.2018 to 29.08.2020** Last Amended on **-**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
I.	MEASURE			
1.	Active/Reactive Energy [§] 3 Phase 4 Wire	50 Hz 240 V 0.25 A to 100 A UPF to 0.5 PF (Lead/lag) 30W to 72kW	0.079 % to 0.155 %	Using Zera Make Power/ Energy Reference Standard Model MT 786 with Inbuilt Source By Comparison Method
2.	Active/ Reactive Energy [§] 3 Phase 4 Wire	50 Hz 63.5 V (P-N) 110 V (P-P) 0.25 A to 100 A UPF to 0.5 PF (Lead/lag) 23.8W to 19 kW	0.079 % to 0.155 %	Using Zera Make Power/ Energy Reference Standard Model MT 786 with Inbuilt Source 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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