

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

Sangeeta Kunwar
 Convenor

Avijit Das
 Program Manager