

Laboratory District Meter Testing and Standards Laboratory, Office of the Electrical Inspector, Electrical Inspectorate Department, Ninan's Complex, Mettupalayam Street, Palakkad, Kerala

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2676

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Validity 18.05.2018 to 17.05.2020

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
I.	MEASURE			
1.	AC Active Energy [§] 3 Phase 4 Wire	50 Hz 240 V 0.1 A to 100 A UPF to 0.5 PF (Lead/lag)	0.083 % to 0.12 %	Using Zera Make Power/Energy Reference Standard Model MT 786 with Inbuilt Source By Comparison Method
2.	AC Reactive Energy [§] 3 Phase 4 Wire	50 Hz 240 V 0.1 A to 100 A UPF to 0.5 PF (Lead/lag)	0.084 % to 0.12 %	Using Zera make Power/ Energy reference Standard Model MT 786 with Inbuilt Source By Comparison Method
3.	AC Active Energy [§] 1 Phase 2 Wire	50 Hz 240 V 0.1 A to 100 A UPF to 0.5 PF (Lead/lag)	0.084 % to 0.12 %	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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