

Laboratory Meter Testing & Standard Laboratory, Department of Electrical Inspectorate, 4th Floor, Bell Mouth Building, Kuruppam Road, Thrissur, Kerala

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2814

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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 Energy [§] 1 Phase/ 3 Phase	50 Hz 63.5 V to 240 V 0.25 A to 100 A 0.5-1-0.5 PF Lead/Lag 8 W to 72 KW	0.077 % to 0.15 %	Using Zera Make Power/ Energy Reference Standard Model MT 786 with Inbuilt Source By Comparison Method
2.	Reactive Energy [§] 1 Phase/ 3 Phase	50 Hz 63.5 V to 240 V 0.25 A to 100 A 0.5-1-0.5 PF Lead/Lag	0.077 % to 0.15 %	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