

Laboratory Meter Testing Laboratory Malappuram, Department of Electrical
Inspectorate, Civil Station, New Block, Up Hill (P.O.), Malappuram,
Kerala

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2951

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Validity 16.02.2019 to 15.02.2021

Last Amended on -

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
I.	MEASURE			
1.	Active Energy [*] (3 Phase 4 Wire)	240 V@ 50 Hz 0.25 A to 100 A 0.5-1-0.5 pf Lead/lag 90 W to 72 W	0.081 % to 0.164 %	Using Zera Make Power/ Energy Reference Standard Model MT 786 with Inbuilt Source by Comparison Method
2.	Reactive Energy [*] (3 Phase 4 Wire)	240 V@ 50 Hz 0.25 A to 100 A 0.5-1-0.5 pf Lead/lag 90 W to 72 W	0.081 % to 0.169 %	Using Zera Make Power/ Energy Reference Standard Model MT 786 with Inbuilt Source by Comparison Method
3.	Active Energy [*] (1 Phase 2 Wire)	240 V@ 50 Hz 0.25 A to 100 A 0.5-1-0.5 pf Lead/lag 30 W to 24 W	0.084 % to 0.174 %	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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