

Laboratory Meter Testing and Standard Laboratory, Star Junction, Kottayam, Kerala

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2976

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Validity 28.03.2019 to 27.03.2021

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
<b><u>ELECTRO TECHNICAL CALIBRATION</u></b>				
<b>I.</b>	<b>MEASURE</b>			
1.	AC Active and Reactive Energy <sup>§</sup> 3 Phase 4 Wire @ 50 Hz	240 V 0.25 A to 100 A UPF  0.5 PF Lead/Lag	0.077 %   0.16 %	Using Zera make Power/Energy reference standard Model MT 786 with inbuilt source by Comparison Method
2.	AC Active and Reactive Energy <sup>§</sup> 3 Phase 3Wire @ 50 Hz	110 V 0.2 A to 100 A UPF  0.5 PF Lead/Lag	0.077 %   0.16 %	Using Zera make Power/Energy reference standard Model MT 786 with inbuilt source by Comparison Method
3.	AC Active Energy <sup>§</sup> 1Phase 2 Wire @ 50 Hz	240 V 0.25 A to 100 A UPF  0.5 PF Lead/Lag	0.077%   0.16%	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%

<sup>§</sup> Only in Permanent Laboratory