Laboratory	**Meter Testing Laboratory, RRVPNL, 132 kV Chambal GSS Premises, Civil Lines, Jaipur, Rajasthan**
Accreditation Standard	**ISO/IEC 17025: 2005**
Certificate Number	**CC-2542** ***(In lieu of C-0799)*** **Page 1 of 1**
Validity	**22.02.2018 to 21.02.2020** **Last Amended on -**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		ELECTRO-TECHNICAL CALIBRATION		
I.	**MEASURE**			
1.	AC Active Energy[$] (1Φ, 3 Φ)	**50Hz** 63.5 V to 230 V 1mA to 12A (0.11 W to 6.6 kW) At UPF 0.5 Lag & 0.8 Lead	0.048% to 0.075% 0.023 % to 0.055 %	Using ZERA 3-Φ Power/Energy Meter EPZ-303-5 By Direct Method
2.	AC Reactive Energy[$] (1Φ, 3Φ)	**50Hz** 40 V to 320 V 1mA to 12A (0.04 W to 3.84 kW) At UPF 0.5 Lag & 0.8 Lead	0.048% to 0.075% 0.023 % to 0.051 %	Using ZERA 3-Φ Power/Energy Meter EPZ-303-5 By Direct Method
3.	AC Voltage[$]	**50 Hz** 40 V to 500V (p-n)	0.064% to 0.11%	Using ZERA 3-Φ Power/Energy Meter EPZ-303-5 By Direct Method
4.	AC Current[$]	**50 Hz** 5 mA to 120A	0.025% to 0.58%	Using ZERA 3-Φ Power/Energy Meter EPZ-303-5 By Direct Method
5.	Frequency[$]	**63.5 V, 5A** 40 to 70 Hz	0.03% to 0.12 %	Using ZERA 3-Φ Power/Energy Meter EPZ-303-5 By Direct Method

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
[$]Only in Permanent Laboratory

Rajeshwar Kumar
Convenor

Avijit Das
Program Director