



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory Classic Instrumentation Pvt. Ltd., C-45, Sector-65, Noida

Accreditation Standard ISO/IEC 17025:2005

Discipline Electro-Technical Calibration Issue Date 01.08.2012

Certificate Number C-0210 Valid Until 31.07.2014

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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
8. AC POWER ¹ 1 Phase 50 Hz UPF & 0.5 PF	1V to 600 V 1A to 10A 1W to 6000W	6.1% to 0.06%	Using MFC 5500 Calibrator By Direct Method
9. TIMER ³	10 sec to 50 min	1 s to 15 s	Using Digital Timer By Comparison Method
10. FREQUENCY ¹	1Hz to 2 MHz	1.2% to 0.1%	MFC 5500 & function Generator Scientific Make By Direct Method
11. SIMULATION FOR TEMP INDICATOR/ CONTROLLER/ RECORDER ³ RTD THERMOCOUPLE (J/K/R)	-200°C to 600°C -100°C to 1300°C	0.4 °C 0.5 °C to 1.5 °C	Using Flue Calibrator 5500 & + ITS 90 By Direct Method
12. POWER FACTOR ¹	* 0.200PF 0.500PF 0.800PF 1.000PF	2.88% to 0.76%	Using Flue Calibrator 5500 By Direct Method
MEASURE			
13. DC VOLTS ³	1 mV to 10 mV 10 mV to 100 mV 100mV to 1000V	1.0% to 0.12% 0.12% 0.12% to 0.1%	Using FLUKE 8845A DMM 6½ dig.
DC HIGH VOLTS ³	1kV to 15 kV	1.2%	Using FLUKE 8845A DMM & HV probe By Direct Method


Convenor