



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**

Last Amended on **-** Page **3 of 4**

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
14. AC VOLT ³	50 Hz 1mV to 750V	3.5% to 1.1%	Using D FLUKE 8845A DMM
AC HIGH VOLTS ³	50 Hz 1 kV to 15kV	2.6%	FLUKE 8845A DMM+ HV probe By Direct Method
15. SIMULATION FOR CALIBRATION OF PROCESS CALIBRATOR RTD THERMOCOUPLE (J/K/R) ³	-200°C to 600 °C -100°C to 1300°C	0.4°C 0.4°C to 1.5°C	Using Fluke Calibrator 525A By Direct Method
16. DC CURRENT ³	1mA to 100 mA 100mA to 10A	0.64% to 0.02% 0.02% to 0.27%	Using FLUKE 8845A DMM By Direct Method
17. AC CURRENT ³	50 Hz 1mA to 100 mA 100mA to 10A	0.25% to 0.13% 0.13% to 0.16%	Using FLUKE 8845A DMM By Direct Method
18. DC RESISTANCE ³	0.001Ω to 10 Ω 20 Ω to 10MΩ 20MΩ, 200 MΩ , 2 GΩ , 20GΩ	1.5% to 1.3%	Digital Micro ohm Meter, FLUKE 8845A DMM By Direct Method
19. INDUCTANCE ³	1kHz 100μH to 10 H	4.15 to 2.5	Using LCR Meter Escort ELC-3131D By Direct Method
20. CAPACITANCE ³	1 kHz 1nF to 10 μF	1.2%	Using LCR Meter Escort ELC-3131D By Direct Method

Convenor