



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Electro-Technical Measurements Laboratory, Centre for Calibration, Nagman, Chennai		
Accreditation Standard	ISO/IEC 17025: 2005		
Field	Electro Technical Calibration	Issue Date	03.02.2010
Certificate Number	C-0162	Valid Until	02.02.2012
Last Amended on	17.05.2010	Page	6 of 11

Quantity Measured / Instrument	Range / Frequency	* Calibration Measurement Capability (\pm)	Remarks
N-TYPE	0°C to 1000°C 1000°C to 1300°C	0.12°C to 0.24°C 0.24°C to 0.27°C	
C-TYPE	0°C to 1000°C 1000°C to 2000°C	0.47°C to 0.36°C 0.36°C to 0.47°C	
RTD TYPE PT 100 TYPE	-200°C to 0°C 0°C to 850°C	0.08°C to 0.064°C 0.064°C to 0.11°C	Using standard MFC (Model : Microcal 2000+ & 200+) by Direct Method
<u>AT SITE</u>			
<u>MEASURE</u>			
16. DC VOLTAGE	1mV to 200mV 200mV to 20V 20V to 500V 500 V to 750 V	0.4% to 0.007% 0.007% 0.3% to 0.041% 0.041%	Using standard MFC (Model : Microcal 2000+ & 200+) By using standard DMM (Model : 34401A)& Power Supply by Direct Method
17. AC VOLTAGE	50 Hz 1V to 350V 350V to 700V 0.7kV to 25kV	5.8% to 0.23% 0.23% to 0.14% 6.32%	Using Power Supply and Standard DMM (Model: 34401A) Using H V Test Kit and Standard DMM (Model: 380926), HV Probe (Fluke 80k-40) by Direct Method

Convenor