Laboratory	**Eastern Calibrators, 1 Anil Roy Road, Kolkata, West Bengal**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Thermal Calibration**	**Issue Date**	**24.04.2015**
Certificate Number	**C- 0369**	**Valid Until**	**23.04.2017**
Last Amended on	**-**	**Page**	**1 of 2**

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I. TEMPERATURE			
1. GLASS THERMOMETERS/ THERMOCOUPLES/ RTD WITH INDICATORS $	- 20 °C to 100 °C 100 °C to 300 °C	0.75 °C 0.91 °C	Using Digital Thermometer(PT 100) and liquid bath by direct method
2. DIGITAL/ANALOG TEMPERATURE INDICATORS WITH SENSORS $	300 °C to 400 °C 400 °C to 1000 °C 1000 °C to 1400 °C	1.17 °C 5.4 °C 6.48 °C	Using Digital Thermometer(PT 100) , thermocouple with indicator (R Type) and furnace by direct method
3. DIAL THERMOMETERS #	30 °C to 300 °C	1.2 °C	Using Digital Thermometer PT 100) and liquid bath by direct method
4. THERMOCOUPLES/ RTD WITHOUT INDICATORS $	20 °C to 100 °C 100 °C to 300 °C 300 °C to 500 °C 500 °C to 1000 °C 1000 °C to 1400 °C	0.75 °C 0.90 °C 1.44 °C 5.44 °C 6.40 °C	Using Digital Thermometer(PT 100) thermocouple with indicator (R Type) Temperature calibrator and Furnace by direct method
5. GLASS THERMOMETERS/ THERMOCOUPLES/ RTD WITH INDICATORS ♣	- 10 °C to 100 °C 100 °C to 300 °C	0.75 °C 0.90 °C	Using Digital Thermometer (PT 100) and liquid bath by direct method
6. DIGITAL/ANALOG TEMPERATURE INDICATORS WITH SENSORS ♣	300 °C to 400 °C 400 °C to 1000 °C	1.57 °C 5.393 °C	Using Digital Thermometer (PT 100) , thermocouple with indicator (R Type) and furnace by direct method

Sangeeta Kunwar
Convenor

Avijit Das
Program Manager

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Last Amended on	**-**	**Page**	**2 of 2**

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
7. THERMOCOUPLES/ RTD WITHOUT INDICATORS ♣	-20°C to 100 °C 100 °C to 300 °C 300 °C to 500 °C 500 °C to 1000 °C 1000 °C to 1400 °C	0.75 °C 1.13 °C 1.73 °C 5.44 °C 6.40 °C	Using Digital Thermometer(PT 100) , thermocouple with indicator (R Type), Temperature calibrator and Furnace by direct method
II. HUMDITY			
1. HUMIDITY INDICATORS OF CHAMBERS/ ENV CHAMBERS ♣	40 % Rh TO 90 %Rh 25 °C to 40 °C	3.03 %Rh 1.43 °C	Using Thermo Hygrometer by direct method.

***Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
$Only in Permanent Laboratory
♣Only for Site Calibration
 # The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Sangeeta Kunwar
Convenor

Avijit Das
Program Manager