Laboratory	**Cali-Labs Pvt. Ltd., HX-21, E-7, Arera Colony, Bhopal, Madhya Pradesh**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Thermal Calibration**	**Issue Date**	**30.06.2015**
Certificate Number	**C-0069**	**Valid Until**	**29.06.2017**
Last Amended on	**-**	**Page**	**1 of 1**

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I.	**TEMPERATURE**			
1.	**LIQUID-IN-GLASS THERMOMETER, RTD / THERMOCOUPLE WITH AND WITHOUT INDICATOR[$]**	(-) 30 ºC to 25 ºC >25 ºC to 80 ºC >80 ºC to 300 ºC	0.28 ºC 0.27 ºC 0.29 ºC	Using 4 – Wire RTD (PT-100), 6½ DMM & Liquid Temperature Baths (Methanol / Water / Silicon Oil)
2.	**THERMOCOUPLE WITH AND WITHOUT INDICATOR[$]**	300 ºC to 1000 ºC	1.84 ºC	Using S – Type Thermocouple, 6½ DMM & Horizontal Furnace
3.	**DIAL DIGITAL THERMOMETER, TEMPERATURE SENSOR WITH AND WITHOUT INDICATOR[#]**	50 ºC to 300 ºC 300 ºC to 500 ºC	0.7 ºC 1.4 ºC	Using 4-Wire RTD (PT-100), 6½ DMM & Dry Block Calibrator Using S – Type Thermocouple And 6½ DMM
II.	**SPECIFIC HEAT & HUMIDITY**			
1.	**HUMIDITY METER / THERMO-HYGROMETER[$]**	20 % RH to 95 % RH@ ~ 25 ºC	1.9 % Rh	Using RH Indicator With Probe Sensor, Humidity Generator Chamber
2.	**INDICATOR OF RH CHAMBER AT SINGLE POSITION [♣]**	20 % RH to 95 % RH ~ @ 25 ºC	1.9 % Rh	Using RH Indicator With Probe Sensor

*** 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.

Naveen Jangra
Convenor

Avijit Das
Program Manager