Laboratory	**Easy Solutions, # 41, Peters Road, Royapettah, Chennai, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Thermal Calibration**	**Issue Date**	**17.11.2015**
Certificate Number	**C-1294**	**Valid Until**	**16.11.2017**
Last Amended on	**-**	**Page**	**1 of 1**

Quantity Measured / Instrument	Range/ Frequency	*Calibration Measurement Capability (±)	Remarks
I. TEMPERATURE			
1. RTD / THERMISTOR/ THERMOCOUPLE WITH INDICATOR / DATALOGGER WITH EXTERNAL SENSOR#	(-) 80 °C to (-) 40 °C (-) 40°C to 100 °C	0.04 °C 0.033 °C	Using RTD Sensor with Indicator, Dry Block Indicator & Thermal Fluid Bath by Comparison Method
2. DEEP FREEZER, FREEZER, BATH♣ (Multipoint)	(-) 80 °C to 100 °C	0.1 °C	Using RTD Sensor with Indicator by Comparison Method
3. ENVIRONMENTAL CHAMBER, TEMPERATURE ENCLOSURES♣ (Multipoint)	0 °C to 50 °C	0.5 °C	Using Data loggers with Inbuilt Sensors by Comparison Method
II. SPECIFIC HEAT & RELATIVE HUMIDITY			
1. HUMDITY INDICATOR/ DATALOGGER WITH PROBE, DIGITAL THERMOHYGROMETER$	0.5 % Rh @ (23 ± 7) °C 5 % Rh @ (23 ± 7) °C 10 % Rh @ (23 ± 7) °C 20 % Rh @ (23 ± 7) °C 50 % Rh @ (23 ± 7) °C 65 % Rh @ (23 ± 7) °C 80 % Rh @ (23 ± 7) °C 95 % Rh @ (23 ± 7) °C	0.5 % Rh 0.5 % Rh 0.5 % Rh 0.5 % Rh 0.6 % Rh 0.6 % Rh 1.2 % Rh 1.2 % Rh	Using Standard Salt Vials by Direct Method
2. HUMIDITY INDICATOR / DATA LOGGER WITH SENSORS#	(15 to 90) %Rh @ 25°C 50 % Rh @ 15 °C 60 % Rh @ 45 °C	1.7 % Rh 1.7 % Rh 1.7 % Rh	Using Digital Hygrometer and Humidity Chamber by Comparison 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.

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