Laboratory	**Scientific And Industrial Testing and Research Centre, 83 & 84, Avarampalayam Road, K.R. Puram P.O., Coimbatore,Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Thermal Calibration**	**Issue Date**	**11.12.2014**
Certificate Number	**C-0912**	**Valid Until**	**10.12.2016**
Last Amended on	**-**	**Page**	**1 of 1**

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I.	**TEMPERATURE**			
1.	**LIQUID –IN-GLASS THERMOMETER, RTD, THERMOCOUPLES, TEMPERATURE SENSORS WITH AND WITHOUT INDICATOR$**	-20°C to 150°C	0.41°C	Using Low / High Temperature Liquid Bath and Four-wire PRT with Indicator
		150°C to 600°C	0.42°C	Using High Temperature Liquid Bath and Four-wire PRT with Indicator
2.	**RTD, THERMOCOUPLE, TEMPERATURE SENSORS WITH AND WITHOUT INDICATOR$**	600°C to 1000°C	1.89°C	Using Dry Block Furnace with S-type Thermocouple and Read Unit
3.	**DEEP FREEZER, INCUBATOR, OVEN, FURNACE, AUTOCLAVE, TEMPERATURE BATHS ETC. AT SINGLE SPECIFIED POSITION♣**	-40°C to 600°C 600°C to 1200°C	1.71˚C 2.38˚C	Using PRT with Indicator & S-Type Thermocouple with Read Unit
4.	**DEEP FREEZER, INCUBATOR, OVEN, FURNACE, TEMPERATURE BATHS ETC. AT FIVE POSITIONS INCLUDING CENTRE♣ (Spatial Mapping)**	-40°C to 400°C	1.92˚C	Using T-type / K-type Thermocouple/RTD and Data Logger

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**

$Only in Permanent Laboratory

♣Only for Site Calibration

Naveen Jangra
Convenor

Avijit Das
Program Manager