Laboratory	**S Calibration (Unit of Sakthi Powerr Solution Private Limited), No. 44, State Bank Colony, Singanallur, Coimbatore, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Thermal Calibration**	**Issue Date**	**29.09.2014**
Certificate Number	**C-1134**	**Valid Until**	**28.09.2016**
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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I. TEMPERATURE				
1.	**RTD's (with & without Indicator), Thermocouples, (with & without Indicator), Data Logger with sensors, Probe Thermometers, Bi- metal Thermometers, Capillary Thermometers, Thermometers, Temperature Gauges, Temperature Indicators with sensors, Recorders with sensor, Temperature Transmitter, Temperature Switches[#]**	-40 °C to 0 °C 0 °C to 100 °C 100 °C to 300 °C 300 °C to 1000 °C 1000 °C to 1200 °C	0.14 °C 0.18 °C 0.42 °C 1.50 °C 2.28 °C	By using Standard 61/2 DMM and RTD By using Standard 61/2 DMM and S-Type Thermocouple
2.	**Indicator of Cryostatic bath, Oil bath, Temperature Baths, Furnace, Dry block calibrators[$]**	-40°C to 0°C 0°C to 100°C. 100°C to 300°C 300°C to 1000°C 1000°C to 1200°C	0.14°C 0.18°C 0.42°C 1.50°C 2.28°C	By using Standard 61/2 DMM and RTD By using Standard 61/2 DMM and S-Type Thermocouple

Sangeeta Kunwar
Convenor

Avijit Das
Program Manager

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
3.	**Incubators**	-40°C to 100°C	1.0°C	By using Standard Multifunction calibrator and RTD
	Freezers	100°C to 400°C	1.0°C	
	Oven			
	Furnace♣			
	(Single Point Method)	400°C to 1000°C	1.50°C	By using Standard Multifunction calibrator and S-Type Thermocouple
		1000°C to 1200°C	2.50°C	

*** 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