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Accreditation Standard ISO/IEC 17025:2005

Discipline Thermal Calibration **Issue Date** 22.05.2014

Certificate Number C-1067 **Valid Until** 21.05.2016

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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
I. TEMPERATURE			
1. RTD Temperature Sensor with and without Indicators/ Controller/ Temperature Indicator of Liquid Baths, Dry Well Blocks, Incubators [#]	-25 °C to 140 °C	0.2°C	Using Standard PRT with DTI and Dry well/ portable furnace by comparison method
	150 °C to 400 °C	0.8°C	
2. Thermocouple/ Temperature Sensor with and without Indicators/ Controller/ Temperature Indicator of Liquid Baths, Dry Well Blocks, Incubators [#]	400 °C to 1000 °C	2.1°C	Using Standard 'S' type TC with DTI and portable furnace by comparison method
	1000 °C to 1200 °C	2.7°C	
3. Temperature Indicator of Oven/ Muffle Furnace [♣]	50 °C to 400 °C	1.9°C	Using Standard 'S' type TC with DTI by comparison method
	400 °C to 1200 °C	3.1°C	

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

♣ 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.

R. Prakash
Accreditation Officer-I

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