

Laboratory Technical Services Department, BHEL, Piplani, Bhopal, Madhya Pradesh

Accreditation Standard ISO/IEC 17025:2005

Discipline Thermal Calibration **Issue Date** 05.12.2015

Certificate Number C-0015 **Valid Until** 04.12.2017

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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. TEMPERATURE			
1. RTDs, THERMOCOUPLES & DIGITAL THERMOMETERS WITH SENSORS ^{\$}	(-) 40 °C to 270°C	0.09 °C	Using Digital Thermometer with SSPRT & Oil Baths by Comparison Method
2. DIAL THERMOMETERS & GLASS THERMOMETERS ^{\$}	(-) 40 °C to 270°C	0.32 °C	Using Digital Thermometer with SSPRT & Oil Baths by Comparison Method
3. RTDs, THERMOCOUPLES & DIGITAL THERMOMETERS WITH SENSORS ^{\$}	270 °C to 500°C	3.4 °C	Using Multifunction Calibrator with R Type Thermocouple and Dry Block Calibrator by Comparison Method
4. THERMOCOUPLES & DIGITAL THERMOMETERS WITH SENSORS ^{\$}	500 °C to 1000°C	4 °C	Using Multifunction Calibrator with R Type Thermocouple and Dry Block by Comparison Method

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

^{\$}Only in Permanent Laboratory

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