

Laboratory Thermal Instrument India Private Limited, Survey No. 250A/B,
 At & Post: Mangaon, Tal.: Kudal, Dist.: Sindhudurg, Maharashtra
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number CC-2866 **Page** 1 of 1
Validity 10.10.2018 to 09.10.2020 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>THERMAL CALIBRATION</u>				
I.	TEMPERATURE			
1.	RTD /Thermocouple [§]	(-) 196 °C 0 °C to 250 °C 250 °C to 400 °C	0.58 °C 0.4 °C 0.8 °C	Using LN2 Comparator, Digital Multimeter by Comparison Method (at Liquid N2 Temperature only) Using PRT (PT 100) 4 Wire), Digital Multimeter, Temperature Bath, Dry Block Bath, Silicon Oil Bath by Comparison Method
2.	Thermocouple [§]	400 °C to 1200 °C	1.75 °C	Using 'S' Type Thermocouple, Digital Multimeter, Dry Block Bath by Comparison Method
3.	Temperature Gauge [§]	0 °C to 250 °C	1.2 °C	Using PRT (PT 100) 4 Wire), Digital Multimeter, Water Bath, Silicon Oil Bath 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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