

**Laboratory** SLV Instruments and Calibrations, # 15, Prem Nagar, Pipeline Road, Laggere, Bengaluru, Karnataka  
**Accreditation Standard** ISO/IEC 17025: 2005  
**Certificate Number** CC-2451 **Page** 1 of 1  
**Validity** 15.11.2017 to 14.11.2019 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>THERMAL CALIBRATION</u></b>				
<b>I.</b>	<b>TEMPERATURE</b>			
<b>1.</b>	RTD & Thermocouple Sensors with and without Indicators <sup>#</sup>	(-) 15 <sup>o</sup> C to 100 <sup>o</sup> C 100 <sup>o</sup> C to 250 <sup>o</sup> C 300 <sup>o</sup> C to 600 <sup>o</sup> C 600 <sup>o</sup> C to 1200 <sup>o</sup> C	0.20 <sup>o</sup> C 0.20 <sup>o</sup> C 1.90 <sup>o</sup> C 3.94 <sup>o</sup> C	Using RTD Sensor, S Type Thermocouple, Digital Thermometer, Data Logger & Dry well Baths by Comparison Method
<b>2.</b>	Temperature Indicators for Furnace, Incubator, Baths, Ovens <sup>#</sup>	25 <sup>o</sup> C to 250 <sup>o</sup> C 300 <sup>o</sup> C to 1200 <sup>o</sup> C	0.31 <sup>o</sup> C 3.62 <sup>o</sup> C	Using RTD Sensor, S Type Thermocouple, Digital Thermometer, Data Logger by Comparison Method

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

<sup>#</sup> The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

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 Convenor

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 Program Director