

SCOPE OF TEMPERATURE CALIBRATION

Laboratory: M/s. Priti Enterprises, Shop NO. 22, Shivraj Industrial Premises, Plot no. 133, Sector No. 7, PCNTDA, MIDC, Bhosari, Pune - 411026.

Calibration Standard: ISO/IEC 17025:2005

Discipline: Temperature Testing & Calibration

Issue Date:

Sr.	Product/Material for Calibration	Specific Task Performed	Test Method Specification Against Which Tests Are Performed	Range of Testing / Limit of Detection
1	RTD [Simplex(3 wire) & Duplex(3 wire)]	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
2	Thermocouple[Simplex(3 wire) & Duplex(3 wire)]	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
3	Temperature Indicator/ Controller	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
4	Temperature Transmitter	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
5	Temperature Switch	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
6	Temperature Scanner/ Recorder	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
7	Glass Thermometer	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C
8	Temperature Gauges	Accuracy Test Repeatability Test	ASTME-1137/E1137M	Up to 600°C

MASTERS USED:

Sr.	Description	Make / Model	Range / Capacity	Accuracy
1	RTD PT-100	EEE	0 to 400°C	0.25%
2	RTD PT-100	EEE	0 to 600°C	0.25%
3	Temperature Indicator	EEE	0 to 400°C	0.25%
4	Universal Calibrator	Gaurav	Variable	1%
5	Temperature Bath	A.V. Instruments	0 to 600°C	-----