



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

HI-TECH CALIBRATION & TESTING LLP

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

GALA NO. 60, ROYAL INDUSTRIAL HUB, VILL. VALWADA, UMBERGAON, VALSAD, GUJARAT, INDIA

in the field of

CALIBRATION

Certificate Number: CC-2478

Issue Date: 04/01/2025

Valid Until: 03/01/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: HI-TECH CALIBRATION & TESTING LLP

Signed for and on behalf of NABL




Anita Rani
Director


N. Venkateswaran
Chief Executive Officer



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2478

Validity 04/01/2025 to 03/01/2029

Page No 45 of 65

Last Amended on 11/03/2025

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
263	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature/Humidity meter with Sensor, Temperature/Humidity indicator with Inbuilt sensor, Datalogger, Thermo hygrometer, Cordless Datalogger	Using Temperature / Humidity Generator along with RH sensor with Indicator and RTD sensor with Indicator by Comparison method	(10 °C to 50 °C) @ 50%rh	0.3 °C
264	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature/Humidity meter with Sensor, Temperature/Humidity indicator with Inbuilt sensor, Datalogger, Thermo hygrometer, Cordless Datalogger	Using Temperature / Humidity Generator along with RH sensor with Indicator and RTD sensor with Indicator by Comparison method	10 %rh to 95 %rh) @ 25°C	1.30 %rh
265	THERMAL-TEMPERATURE	Cordless Datalogger/Scanner/Indicator with Inbuilt sensor/Digital Thermometer	Using 4 wire PT-100 Sensor with Indicator and Air Circulated Bath By Comparison method.	(-)55 °C to 50 °C	0.26 °C



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2478

Validity 04/01/2025 to 03/01/2029

Page No 46 of 65

Last Amended on 11/03/2025

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266	THERMAL-TEMPERATURE	Infrared Thermometer, Pyrometer, Laser Gun Emissivity=0.95	Using Standard Pyrometer Laser Gun and Black Body Source, Emissivity=0.95 by Comparison method	400 °C to 1000 °C	4.48 °C
267	THERMAL-TEMPERATURE	Infrared Thermometer, Pyrometer, Laser Gun	Using Standard Pyrometer Laser Gun and Black Body Source, Emissivity=0.95 by Comparison method	50 °C to 400 °C	1.2 °C
268	THERMAL-TEMPERATURE	Temperature Gauge, Glass Thermometer, Dial Thermometer	Using 4wire pt-100 Sensor with Indicator & Liquid Bath by comparison method.	(-)80 °C to 40 °C	0.55 °C
269	THERMAL-TEMPERATURE	Temperature Gauge, Glass Thermometer, Dial Thermometer	Using 4wire pt-100 Sensor with Indicator & Liquid Bath by comparison method.	40 °C to 200 °C	0.2 °C
270	THERMAL-TEMPERATURE	Temperature Indicator / Controller / Recorder / Scanner / Datalogger with Thermocouples, only Thermocouples, Temperature Transmitter, Digital Thermometer.	Using R-type Thermocouple with Indicator, Fluid less Temperature Bath by comparison method.	1200 °C to 1500 °C	4.03 °C



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2478

Page No

47 of 65

Validity

04/01/2025 to 03/01/2029

Last Amended on

11/03/2025

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271	THERMAL-TEMPERATURE	Temperature Indicator, Temperature Controller, Recorder, Datalogger, Scanner with RTD or Thermocouples, Only RTD, only Thermocouples, Temperature Transmitter, Digital Thermometer	Using 4 wire PT-100 with Indicator and 6.5 Digit Multimeter with Liquid bath by comparison method.	(-)80 °C to 40 °C	0.87 °C
272	THERMAL-TEMPERATURE	Temperature Indicator, Temperature Controller, Recorder, Datalogger, Scanner with RTD or Thermocouples, Only RTD, only Thermocouples, Temperature Transmitter, Digital Thermometer	Using 4 wire PT-100 with Indicator and 6.5 Digit Multimeter with Dry Bath by comparison method.	40 °C to 600 °C	0.11 °C
273	THERMAL-TEMPERATURE	Temperature Indicator, Temperature Controller, Recorder, Datalogger, Scanner with Thermocouples, Only Thermocouples, Temperature Transmitter, Digital Thermometer	Using R-type Thermocouple with Indicator, 6.5 Digit Multimeter and Fluid less Temperature Bath by comparison method.	600 °C to 1200 °C	1.33 °C



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2478

Page No

62 of 65

Validity

04/01/2025 to 03/01/2029

Last Amended on

11/03/2025

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94	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Chamber, Environment Chamber	Using Wireless Data loggers (minimum 09 sensors) by Multi Position Calibration by Comparison method	(30 %rh to 90 %rh) @ 25°C	3.74 %rh



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2478

Page No

63 of 65

Validity

04/01/2025 to 03/01/2029

Last Amended on

11/03/2025

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95	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature/Humidity meter with Sensor, Temperature/Humidity indicator with Inbuilt sensor, Datalogger, Thermo hygrometer, Cordless Datalogger	Using Temperature / Humidity Generator along with RH sensor with Indicator and RTD sensor with Indicator by Comparison method	(10 °C to 50 °C) @ 50%rh	0.3 °C
96	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature/Humidity meter with Sensor, Temperature/Humidity indicator with Inbuilt sensor, Datalogger, Thermo hygrometer, Cordless Datalogger	Using Temperature / Humidity Generator along with RH sensor with Indicator and RTD sensor with Indicator by Comparison method	10 %rh to 95 %rh) @ 25°C	1.30 %rh
97	THERMAL-TEMPERATURE	Indicator with (Sensor or Thermocouple) of Oven/Furnace/Bath/Chamber (Single Point)	Using R-Type Thermocouple with Temperature Indicator by Direct method	400 °C to 1200 °C	2.25 °C
98	THERMAL-TEMPERATURE	Indicator with (Sensor or Thermocouple) of Oven/Furnace/Bath/Chamber/Incubator (Single Point)	Using RTD sensor with Indicator (Single Position) by Direct method	50 °C to 400 °C	1.65 °C
99	THERMAL-TEMPERATURE	Oven, Chamber, Freezer, Incubator Room Autoclave by Multi position calibration (Industrial Used only)	Using Wireless Data logger minimum - 09 By Multi Position Direct method	(-)20 °C to 50 °C	1.66 °C



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Certificate Number CC-2478

Validity 04/01/2025 to 03/01/2029

Page No 64 of 65

Last Amended on 11/03/2025

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100	THERMAL-TEMPERATURE	Oven, Chamber, Incubator Room Autoclave by Multiposition Method (Industrial used only)	Using RTD with minimum - 09 sensor (Multi Position) by Direct method	50 °C to 400 °C	3.0 °C
101	THERMAL-TEMPERATURE	Oven, Furnace (Multipoint mapping)	Using N-type Thermocouple with multi channel Datalogger minimum-09 sensor (Multi position) by Direct method	400 °C to 1000 °C	5.6 °C
102	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Bath, Oven, Chamber, Freezer, Incubator (Single Point)	Using RTD type sensor with Indicator (Single Position) by Direct method	(-)60 °C to 50 °C	0.8 °C to 0.8 °C
103	THERMAL-TEMPERATURE	Temperature Indicator, Temperature Controller, Recorder, Datalogger, Scanner with RTD or Thermocouples, Only RTD, only Thermocouples, Temperature Transmitter, Digital Thermometer	Using 4 wire PT-100 with Indicator and 6.5 Digit Multimeter with Dry Bath by comparison method.	40 °C to 600 °C	0.11 °C



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Certificate Number CC-2478 **Page No** 65 of 65

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104	THERMAL-TEMPERATURE	Temperature Indicator, Temperature Controller, Recorder, Datalogger, Scanner with Thermocouples, Only Thermocouples, Temperature Transmitter, Digital Thermometer	Using R-type Thermocouple with Indicator, 6.5 Digit Multimeter and Fluid less Temperature Bath by comparison method.	600 °C to 1200 °C	1.33 °C

* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.