

Laboratory

Raj Calibration Center, 65, Brindra Industrial Estate, Phase-I,
GIDC-Chhatral, Taluka: Kalol, Dist. Gandhinagar, Gujarat

Accreditation Standard

ISO/IEC 17025: 2005

Certificate Number

CC-2512

Page

1 of 3

Validity

03.01.2018 to 02.01.2020

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
1.	DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)			
1.	Calipers ^s (Vernier/Dial) L.C.: 0.02 mm ^φ	0 to 600 mm	22.0 μ m	Using Caliper Checker
2.	Ext. Micrometers ^s L.C.: 0.01 mm ^φ	0 to 300 mm	10.4 μ m	Using Slip Gauge Set, Long Slip Gauges, Comparator Stand
3.	Micrometer setting Rods ^s	Up to 300 mm	10.2 μ m	Using Slip Gauge Set Long Slip Gauges
4.	Plunger Type Dial Gauge ^s L.C.: 0.01mm ^φ	0 to 25 mm	7.3 μ m	Using Dial Calibration Tester
5.	Lever Type Dial Gauge ^s L.C.: 0.01 mm ^φ	0 to 1 mm	7.3 μ m	Using Gauge Block
6.	Dial Bore Gauge ^s (Transmission Accuracy Check Only) L.C.: 0.01 mm ^φ	Up to 1 mm	7.3 μ m	Using Dial Gauge
7.	Height Gauge ^s (Vernier /Dial Digital) L.C.: 0.02 mm ^φ	0 to 600 mm	19.0 μ m	Using Caliper Checker & Surface Plate
8.	Depth Caliper ^s L.C.: 0.02 ^φ	0 to 300 mm	19.0 μ m	Using Slip Gauge, Gauge Block & Caliper Checker

Abhinav Thakur
Convenor

Avijit Das
Program Director

Laboratory Raj Calibration Center, 65, Brindra Industrial Estate, Phase-I,
 GIDC-Chhatral, Taluka: Kalol, Dist. Gandhinagar, Gujarat
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number CC-2512 **Page** 2 of 3
Validity 03.01.2018 to 02.01.2020 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
II.	PRESSURE INDICATING DEVICES			
1.	Pressure ^s (Dial, Digital Pressure Gauges/ Indicators, Pressure Transducers and Pressure Transmitter)	0 to 70 bar 0 to 700 bar	1.0 bar 6.5 bar	Using Digital Pressure Calibrator & Hydraulic Pump

Laboratory Raj Calibration Center, 65, Brindra Industrial Estate, Phase-I,
 GIDC-Chhatral, Taluka: Kalol, Dist. Gandhinagar, Gujarat
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number CC-2512 **Page** 3 of 3
Validity 03.01.2018 to 02.01.2020 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>THERMAL CALIBRATION</u>				
I.	TEMPERATURE			
1.	Temperature Indicator with Temperature Sensor Probe [§]	300 °C to 600 °C 600°C to 1150 °C	2.74 °C 4.32 °C	Using S Type Thermocouple with Indicator & Dry Block Calibrator Furnace

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

[§]Only in Permanent Laboratory

[¶] Laboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.

Abhinav Thakur
Convenor

Avijit Das
Program Director