



Certi. No. CC-4243
NABL Accredited Lab.

SENSEWELL CALIBRATION SERVICES LLP

NABL ACCREDITED CALIBRATION LABORATORY
(In Accordance with ISO/IEC-17025:2017)

CALIBRATION AT PERMANENT LAB AS WELL AS AT CUSTOMER SITE



* **MECHANICAL DISCIPLINE**

- ❖ DIMENSION-Basic Measuring Instruments, Gauges etc.
- ❖ MASS, BALANCE & VOLUME
- ❖ PRESSURE- Hydraulic & Pneumatic

* **ELECTRO-TECHNICAL DISCIPLINE**

* **THERMAL DISCIPLINE-**

- ❖ **Temperature, Humidity, Thermal Mapping/Validation**



CC-4243

PRESSURE CALIBRATION SCOPE

TYPE OF INSTRUMENTS CALIBRATED

Vacuum: - 0.95 bar

Pressure: Up to 700 bar

Low Pressure: ± 35 Kpa to ± 2.5 Kpa



MECHANICAL CALIBRATION SCOPE

TYPE OF INSTRUMENTS CALIBRATED

- External Micrometer 0 to 1000 mm
- Internal Micrometer 5-30mm&50-1000 mm
- Calipers (Vernier /Dial/Digital) up to 1000 mm
- Depth Caliper (Vernier/Dial/Digital) 0 to 600 mm
- Depth Micrometer 0 to 300 mm

- Height Gauge (Vernier / Dial / Digital) 0 to 1000 mm
- Inside dial caliper (Groove Caliper) 5 to 100 mm
- Outside dial caliper (Pistol Caliper) 0 to 100 mm
- Plunger Dial Gauge up to 50 mm
- Lever Dial Gauge up to 1 mm
- Bore Dial Gauge 1.0 mm transmission
- Feeler Gauge 0-1 mm
- Plain Plug / Ring Gauge up to 225 mm
- Thread Plug / Ring Gauge up to 100 mm
- Bevel Protractor- 0° - 90°-0°
- Combination Set 0° - 180°
- Ultrasonic Thickness Gauge 1-100 mm
- Coating Thickness Gauge – up to 2mm
- Surface Plate – 2000x2000mm
- Measure Tape – up to 50 mtr
- Steel Scale – up to 1 mtr
- Radius gauge/Thread Pitch Gauge/Test Sieve



MASS & BALANCE CALIBRATION SCOPE

TYPE OF INSTRUMENTS CALIBRATED

- Weight box 1 mg to 200 g
- S.S Standard weights up to 20Kg
- Analytical Balances up to 200 g
- Weighing Balances up to 50 Kg

www.sensewellcalibration.com





ELECTRO - TECHNICAL CALIBRATION SCOPE

TYPE OF INSTRUMENTS CALIBRATED

- Digital Multimeter / Tong Tester
- Clamp-Clip on Meter
- Multi-Function / Universal Calibrators

Source -

1mV to 1000V AC/DC Voltage,
10 μ A to 20 A DC Current,
29 μ A to 20 A AC Current,
1 Ω to 1 G Ω Resistance,
1 nF to 300 nF Capacitance,
1 Hz to 1 MHz Frequency,
RTD PT-100 Temperature Simulation,
All T/C (K, J, R, S, T, B, E, N) Temperature Simulation

Measure -

1 mV to 1000 V AC/DC Voltage,
10 μ A to 10 A AC/DC Current,
1 Ω to 1 G Ω Resistance,
3 Hz to 2 MHz Frequency,
RTD PT-100 Temperature Simulation,
All T/C (K, J, R, S, T, B, E, N) Temperature Simulation

Insulation Tester

10 Ω to 11.1111111 G Ω (5000 V DC)

Stop Watch /Timer

1 Sec to 86400 Sec (24 Hrs)



THERMAL CALIBRATION SCOPE

TYPE OF INSTRUMENTS CALIBRATED

- RTD and T/C Sensors & Temperature Transmitter with Sensor (-196°C to 1200 °C)
- Temperature bath (-45°C to 1200°C)
- Data logger (10°C to 50 °C & 25 to 85 % RH)
- Hygrometer (10°C to 50 °C & 25 to 85 % RH)
- Infra Red Gun/ Thermometer (50°C to 500°C)
- Glass Thermometer (50°C to 200 °C)
- Oil Bath-Amb. to 350°C / Water bath-Amb. to 100°C
- Temp. indicators with sensors (-196°C to 1200 °C)
- Thermal Mapping (-80°C to 1050 °C & 25 TO 85% RH)
- On Site Instruments (-45°C to 1200 °C)





CC-4243



Our Associates



D.N. ENGINEERING SERVICES

Instrumentation contractor for Erection Automation, Installation and Commissioning of Process Instrument.



SENSEWELL

INSTRUMENTS PVT. LTD.

Manufacture of Temperature sensor, Control Panel Industrial Heaters/Oven/Furnace. Process control instruments & Automation,

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