



MSIR INDIA

Calibration

OUR CALIBRATION CAPABILITIES

- **Temperature & Humidity**
- **Electro - Technical**
- **Radio Frequency**
- **Thermal Mapping & Validation**
- **Gas Sensor Calibration**
- **Flow & Optical Lux**
- **Torque & Force**
- **Vibration & Acceleration**
- **Pressure & Vacuum**
- **Sound & Speed**
- **Bio Medical**
- **Mass & Volume**
- **Textile Garments & Toys**
- **Mechanical & Dimensional**

OTHER SERVICES

- **Instrument Sales**
- **Instrument Service**
- **Annual Maintenance Services**
- **IQ OQ PQ Support**
- **Relay Testing**
- **CMM Verification**
- **Earth Pit Testing**
- **LAF & BSC Validation**
- **Clean Room Validation**
- **Hospital OT Validation**
- **Stamping Service**

We serve our best services in

- **Aerospace Industry**
- **Agriculture Industry**
- **Chemical Industry**
- **Pharmaceutical Industry**
- **Technology Industry**
- **Construction Industry**
- **Defence Industry**
- **Education Industry**
- **Energy Industry**
- **Electrical power Industry**
- **Petroleum Industry**
- **Entertainment Industry**
- **Food Industry**
- **Health care Industry**
- **Hospitality Industry**
- **Information Industry**
- **Automotive Industry**
- **Electronics Industry**
- **Pulp and paper Industry**
- **Steel Industry**
- **Shipbuilding Industry**
- **News media Industry**
- **Publishing Industry**
- **Mining Industry**
- **Telecom. Industry**
- **Transport Industry**
- **Water Industry**

OUR CALIBRATION CAPABILITIES

MSIR INDIA Calibration Capabilities includes many types of equipments as list below

Temperature & Humidity

- Autoclave / Walking / Climatic Chamber
- Incubator / Oven / Refrigerator / Freezer
- Heating Block / Hot Plate / Data Logger
- Muffle / Tube / Furnace / Thermometer
- Glass Thermometer / Water / Oil Bath
- Cold / Storage Room / Soldering Station
- Rtd / Thermocouple / Recorder with TC
- Temperature Gauge / Switch / Pyrometer
- IR Thermometer / Controller with Sensor
- Temperature Transmitter / Switch
- Thermo / Hygrometer and etc..

Thermal Mapping & Validation

- Temperature Mapping / Humidity Mapping
- Environmental Mapping / Storage Mapping
- Cold Room Mapping / Autoclave Mapping
- Chamber Mapping / Freezer Mapping
- Refrigerator Mapping / Oven Mapping
- Incubator Mapping / Furnace Mapping
- Temperature Uniformity Survey (TUS)
- System Accuracy Test (SAT)
- Clean Room Validation / OT Validation
- LAF Validation / BSC Validation and etc..

Torque & Force

- Torque Wrench / Torque Screw Driver
- Torque Sensor / Torque Meter / Analyzer
- Push Pull Gauge / Force Gauge
- UTM Machine / CTM Machine and etc..

Vibration & Acceleration

- Accelerometer / Microphone Calibration
- Vibration Meter Vibration Analyser and etc..

Pressure & Vacuum

- Pressure Gauge / Vacuum Gauge
- Pressure Switch / Vacuum Switch
- Pressure Transmitter / Vacuum Transmitter
- Manometer / Barometer / Level Sensor
- Magnehlic / Compound Gauge and etc..

Mass & Volume

- Weighing Balance / Weighing Machine
- Weights / Weight Box / Measuring Cylinders
- Glassware's / Burette / Micro Pipette
- Pipette / Volumetric Jar / Conical Flask
- TDS Meter / Turbidity Meter Air Sampler
- pH Meter / Conductivity Meter and etc..

Mechanical & Dimensional

- Vernier Caliper / Bevel Protractor
- Bore Gauge / Vernier Height / Template
- Coating Thickness Gauge / Foils
- Inside / External / Depth Micrometer
- Dial Thickness Gauge / Depth Gauges
- Feeler Gauge / Plunger Dial Indicator
- Plug / Snap Gauge / Slip Gauge
- Plunger Dial Indicator / Spirit Level
- Thread Plug Gauge / V Block / VMS
- Thread Ring Gauge / Tapper Gauge
- Measuring Tape / Steel Scale / Pie-Tape
- Surface Plate / Microscope and etc..

Electro - Technical

- AC & DC Ammeter / Voltmeter
- Multimeter / Clampmeter / Earth Tester
- Capacitance / Inductance Meter
- Current / Voltage Probe / Shunt
- Decade Resistance box / Energy Meters
- Function Generator / Insulation Tester
- LCR meter / mA/mV Simulator
- MilliOhm Meter / Phase Sequence meter
- Multifunction Calibrators / Oscilloscope
- Panel meters / Power Analyser
- Power Supply / Resistance Meter
- RTD / TC Simulator / Welding Machine
- Stop Watch / Timer / Wrist Strap Tester
- Surface Resistivity Meter and etc..

Radio Frequency

- Spectrum Analyzer / Signal Generator
- Freq. Counter / RF Power Meter and etc..

Gas Sensor Calibration

- Multi Gas Analyser / Gas Detector
- Gas Sensor / Gas Alarm and etc..

Flow & Optical Lux

- Lux Meter / Light Meter / Velocity Meter
- Thermo-Anemometer / Vane Anemometer
- Air Flow Meter / Liquid Flow Meter
- Flow Sensor / Flow Trans'tter / Ford Cup
- Flow Switch / Gas Flow Meter and etc..

Sound & Speed

- Centrifuge / Tachometer / Sound Meter
- RPM Meter / Titrators / Shakers / Stirrer
- Stroboscope / RPM Analyzer and etc..

Textile Garments & Toys

- Washing Machine / Miele Washer / Dryer
- Dura Wash / Abrasion Tester / Washer
- Govmark Flammability Tester / Crockmeter
- Bursting Strength Tester Machine
- Pilling Tester / ICI Pilling Tester / Iron Box
- Wira Steam / Wrist action Shaker
- Universal Wear Tester / Laundrometer
- Random Pilling Tester / Perspirometer
- Sample Cutter Specimen Area / UTM
- Vertical Flammability Tester and etc..

Bio Medical

- Anaesthesia Ventilator / BP Apparatus
- Cardiac Monitor / Defibrillator / OT Light
- Baby Warmer / Pacemaker / Tourniquet
- ECG Machine / Diathermy / Dental Chair
- Multipara Monitor / Pulse Oxymeter
- Syringe Pump / Infusion Pump
- Tread Mill / Tube Sealer / OT Validation
- Elisa Reader / Elisa Washer and etc..

Other Services

- Instrument Sales / Instrument Service
- Annual Maintenance Services / IQ OQ PQ
- Relay Testing / CMM Verification
- Earth Pit Testing / Sampling
- Government Stamping Service and etc..