



MSIR INDIA

Calibration

MSIR INDIA Private Limited (Madras Science & Industrial Resources)

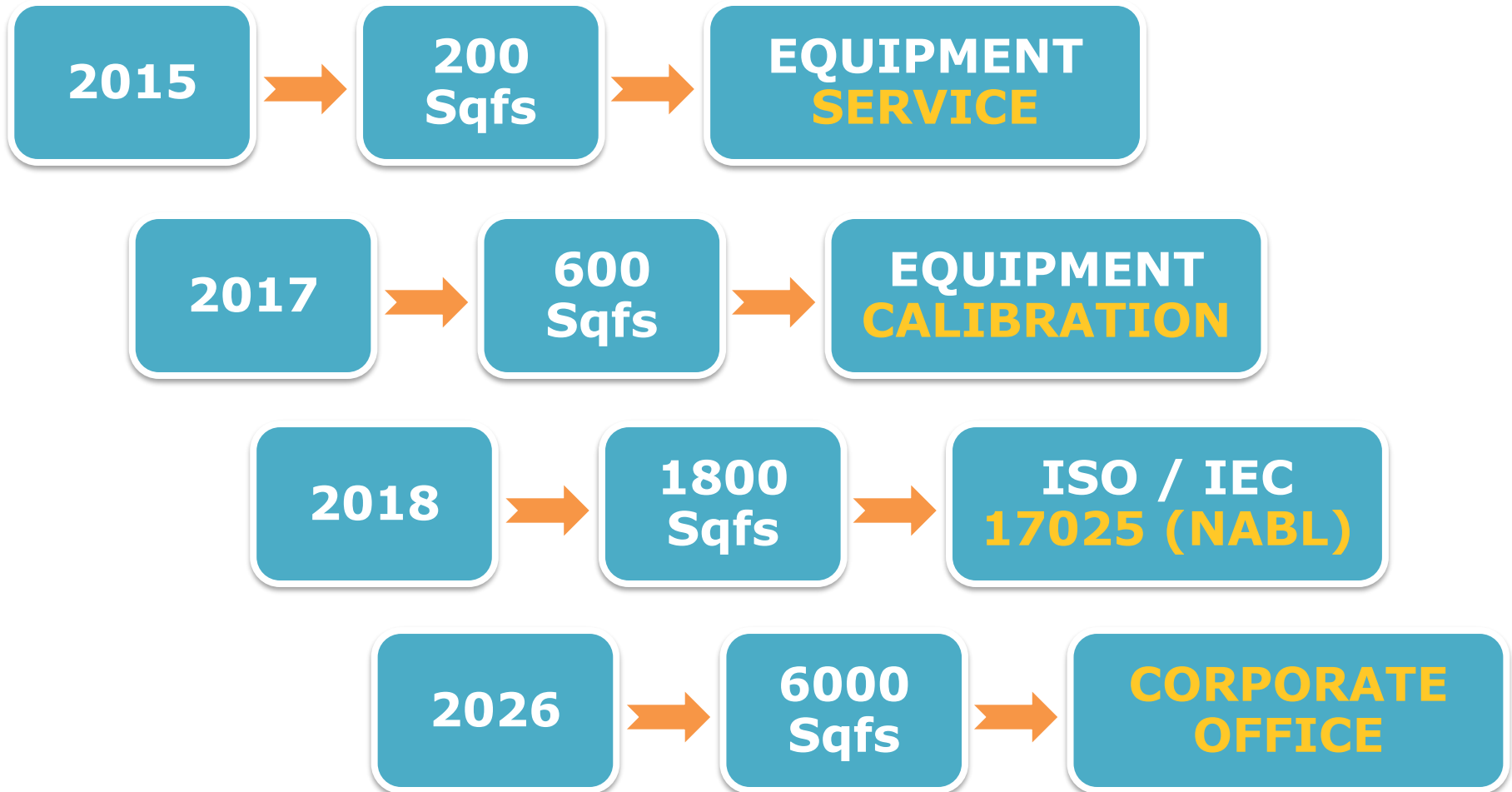
- ISO / IEC 17025 Accredited Calibration Laboratory By NABL -



NABL
CAB # C-1567



9001 : 2015





**CORPORATE
OFFICE**

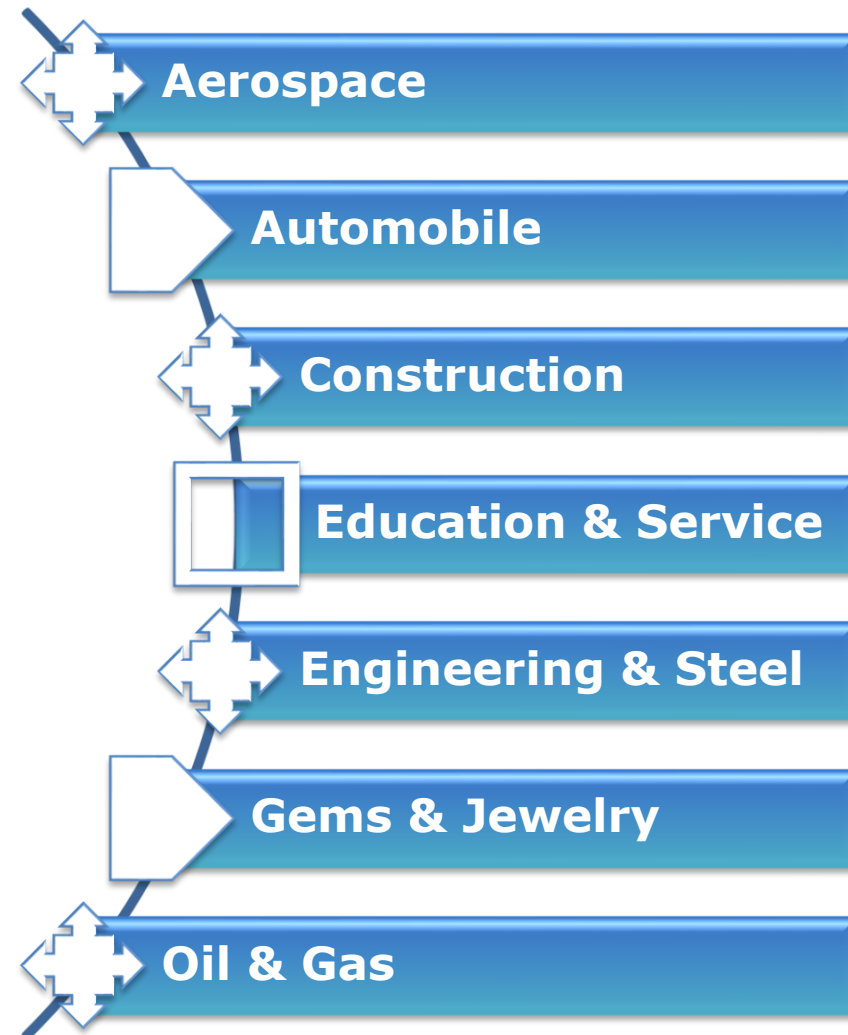
(Under Construction)



Padappai

Office Locations

-  **Head Off: Chromepet**
-  **Sales Off: Sithalapakkam**
-  **Branch Off: Madurai**
-  **Branch Off: Bangalore**





**Temperature
& Humidity**



Electro - Technical



Radio Frequency



**Thermal Mapping
& Validation**



**Gas Detector
Calibration**



Flow & Optical Lux



Torque & Force



**Vibration
& Acoustic**



Pressure & Vacuum



Time & Speed



**Mechanical
& Dimensional**



**Textile Garments
& Toys**



Mass & Volume



Bio Medical



THERMAL

- -80 to 1200 °C
- 10 to 95% RH

PRESSURE & VACUUM

- -1 to 0 Bar
- 1 to 700 Bar

VIBRATION & ACOUSTIC

- 5 Hz to 12 kHz
- 94 dB to 114 dB

TIME & SPEED

- 1 to 99999 RPM
- 1 Sec to 24 Hrs

FLOW & OPTICAL

- 1 to 17.5 m/s
- 2 to 500 LPM
- 1 to 700 m³/hr
- 100 to 20000 Lux

TORQUE & FORCE

- 0.2 to 2000 Nm
- 5 to 50000 N
- 0 to 100 Shore
- 0 to 1000 N

ELECTRO TECHNICAL

- 1 mV to 1000 V
- 100 μ A to 1000 A
- 1 Ω to 1 G Ω

RADIO FREQUENCY

- 1 Hz to 40 GHz
- -80 to 20 dBm
- S Parameters

DIMENSIONAL

- 0.1 μ to 1000 mm
- 0 to 360 °
- 0 to 50 m

MASS & VOLUME

- 1 mg to 3 T
- 1 μ l to 10 L
- E2 to M3 Class

Calibration Capabilities

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
- Milli Ohm 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 Transmitter / 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..

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
- Magnehelic / 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 Micro meter
- Dial Thickness Gauge / Depth Gauges
- Feeler Gauge / Plunger Dial Indicator
- Plug / Snap Gauge / Slip Gauge
- Plunger Dial Indicator / Sprit Level
- Thread Plug Gauge / V Block / VMS
- Thread Ring Gauge / Tapper Gauge
- Measuring Tape / Steel Scale / Pie-Tape
- Surface Plate / Microscope and etc..

Textile Garments & Toys

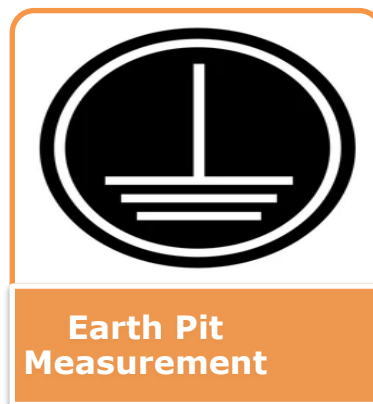
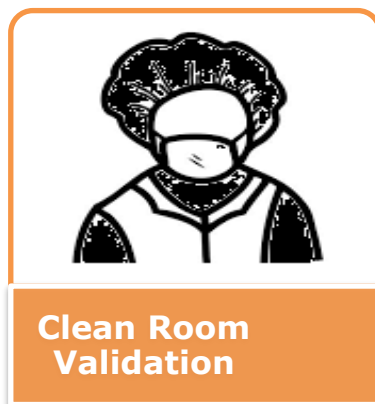
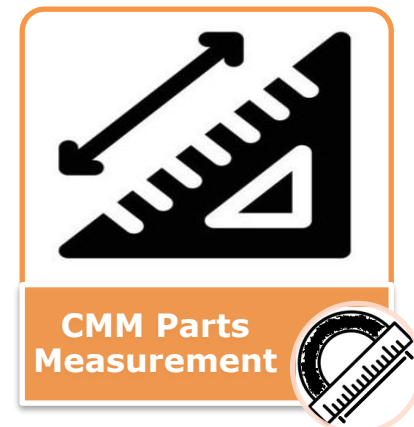
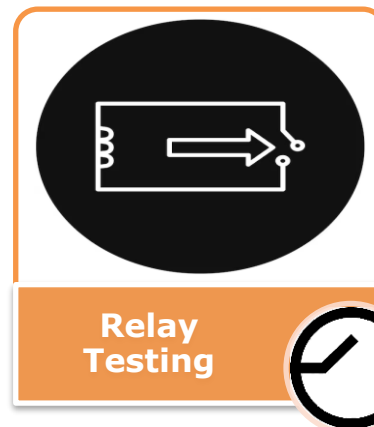
- Washing Machine / Miele Washer / Dryer
- Dura Wash / Abrasion Tester / Washer
- Flammability Tester / Crock meter
- Bursting Strength Tester Machine
- Pilling Tester / ICI Pilling Tester / Iron Box
- Wira Steam / Wrist action Shaker
- Universal Wear Tester / Laundrometer
- Random Pilling Tester / Perspirometer
- 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 Oximeter
- 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..



Satisfied Customers



Satisfied Customers





www.msirindia.com



calibration@msirindia.com
info@msirindia.com



+91 97898 77567
+91 96770 36565



**#40, 2nd Floor, 2nd Street,
Padmavathi Nagar,
Chromepet, Chennai,
TN - 600 044.**



Thank you