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**TBL** TRAILBLAZERS  
CALIBRATION AND TESTING LABORATORY  
PRIVATE LIMITED

**ONE STOP  
SOLUTION FOR  
ALL OUR  
CUSTOMER'S NEED  
OF QUALITY,  
DELIVERY & COST.**



**WE ARE SERVICE PROVIDER WITH CLIENTS  
IN THE MANUFACTURING, CONSTRUCTION,  
HEALTHCARE, EDUCATION,  
AERO/TRANSPORTATION AND ENERGY  
SECTORS.**

## SERVICES

- Calibration
- Mapping
- Validation
- Testing
- Repair
- Servicing
- Consulting

## ABOUT US

**Legally responsible  
independent organization  
established in 2018.**

**The organization incorporated  
has established a quality  
management system.**

**Our aim is to be the preferred  
vendor by choice of our  
valued customers. We aim to  
satisfy our customer's  
requirements by excelling in  
the delivery of quality of  
service & professional  
approach.**

**We have the capability to offer  
our customers localized  
support and services when  
and wherever required, by  
continuing to expand our  
laboratory network, we provide  
support for the growing needs  
of our customers.**

## COMPETENCY

- Traceability of measurements and calibrations to national/International standards.
- Fully-fledged, well qualified, experienced and trained personnel to carry out both managerial and technical functions with needed authorities and resources.
- Our procedures are in accordance with National/ International Standards. Highly accurate master instruments.
- Quality assurance of test and calibration data.
- Validity and appropriateness of test methods.
- Appropriate handling and transportation of items.
- Quality of testing environment and sampling.

# TEMPERATURE & RH MAPPING

Cold Room, Clean Room,  
Production Areas, Storage Areas,  
Warehouses

Stability Chambers, Cold  
Chambers, Temperature &  
Humidity Chamber, Walkin

Chamber, Cooling Cabinet  
De-progenation Ovens, Lab

Ovens, Hot Air Oven, Vacuum  
Oven, HPLC/GC Column Oven

Refrigerator, Cooler, Freezer

Transportation Vehicle

Muffle Furnace, Incubator,

Heating Block, Water Bath, Dryer

## STERILIZER VALIDATION

Double Door Autoclave

Verticle Autoclave

HPHV Steam Sterilizer Autoclave

Hot Water Spray Sterilizer

Lyophilizer

Depyrogenation Tunnel

Vessel

Process Reactor

Dry Heat Sterilizer

# CALIBRATION

## Electrotechnical

- Ammeters
- Clamp On Meters
- Digital Multimeters
- Ohmmeters
- Voltmeters
- Wattmeters
- Energymeters
- Frequency meters
- Counters
- Decade Boxes
- Function Generators
- Impedance Meters
- Oscilloscopes
- Power Supplies
- Recorders/Dataloggers
- Signal Generators
- Stopwatches and Timers
- Simulators / Calibrators
- Temperature Controllers/Indicators

## Dimensional

- Calipers
- Tools
- Micrometers
- Gauges

## Mass & Volume

- Scales and Balances
- Weight
- Volumetric Glasswares
- Burettes / Pipettes
- Measuring Jar / Cylinder / Flask /  
Beaker / Vessel / Tanks / Tanker

## Acceleration and Speed

- RPM Indicator/
- Tachometer,
- Centrifuge
- Stroboscope
- Accelerometers

## Acoustics

- Sound Level Meter
- Noise Meter
- Audiometers

## Density and Viscosity

- Viscometer
- Densitometers
- Flow/Ford Cup
- Hydrometers
- Density of Liquids
- Density of Solids
- Density of Gases

## Force & Hardness

- Durometers
- Hardness Testing Machine
- Impact Testing Machine
- Compression Testing Machines
- Force Gauge
- Load Cells
- Proving Ring
- Tensile Testing Machines
- Universal Testing Machines
- Push Pull Gauge

## Flow

- Gas Flowmeter
- Fluid Flowmeter
- Anemometer
- Air Velocity Meter

## Pressure

- Absolute Gauges
- Controllers
- Deadweight Testers
- Indicators
- Manometers
- Micromanometers
- Transducers/
- Transmitters
- Vacuum/Pressure Gauges
- Vacuum/Pressure Switch
- Vacuum/Pressure Valve
- Vacuum/Pressure Tank
- Magnehelic Gauges
- Differential Vacuum/Pressure Gauges
- Pirani Gauges

## Torque

- Torque Generating Devices (Torque tool, Torque Wrenches)
- Torque Measuring Devices (Torque Transducer, Torque Sensors)

## Optical

- Lux Meter
- Light Intensity Meter
- Colour Cabinet

## Analytical

- Conductivity Meters
- pH Meters
- ORP Meters
- TDS Meters

## Textile

- GSM cutter
- Crock Meter
- RPM / Timer / Counter

## Thermal

- Temperature/Humidity Transmitter/RTD/Thermocouples with & without Indicator/Controller/Data Logger/Recorder
- Temperature Gauge
- Glass Thermometer,
- Digital Thermometer
- Thermistor
- Dry Blocks
- Infrared Thermometers
- Liquid Bath
- Solder Stations
- Hygrometer
- Dew Point Meter

## Construction

- Batching Plant Calibration
- Hot Plate
- Aggregate Impact Value Test Apparatus
- CBR Value Test Apparatus
- Elongation & Flakiness Gauge
- Mould
- Slump Cone Test Apparatus
- Cement Cube Mortar Vibrating Machine
- Sieves
- Cement Mixer
- Moisture Meter
- Counter
- Hydraulic Jack
- Vicat Needle Apparatus

# CLEAN ROOM VALIDATION

Air Velocity Measurement  
Pressure Balancing Test  
Temperature & Humidity Test  
Light Intensity Measurement  
Sound Level Measurement  
Earth Resistance Measurement

# SOON WE ARE GOING TO EXPAND OUR SERVICES TO

- STEAM QUALITY TEST
- COMPRESSED AIR VALIDATION
- HVAC VALIDATION
- PLC VALIDATION
- PRODUCT TESTING