



FACILITY LIST

METROLOGY / CALIBRATION

Dimension (Length & Angle)

Auto Leveler
 Bevel & Angle Protector
 Bore Gauge (Dial Type)
 Calibration Slide
 Centering Device
 Coating Thickness Gauge
 Combination Set
 Comparator Stand
 Density Cup
 Depth Caliper
 Depth Micrometer
 DFT Meter
 Dial Indicator (Lever type)
 Dial Indicator (Plunger type)
 Dial Thickness Gauge
 Digital Protractor
 Dip Stick
 Electronic probe
 Eye Piece
 Feeler Gauge
 Filler Gauge
 Foils
 Ford Cup
 Go/NoGo Gauge
 GSM Round Cutter
 Height Gauge
 Internal Micrometer
 Knuckle Gauge
 Laser Distance Meter
 Length Bar
 Magnetic V-Block
 Measuring Pin Set
 Measuring Scale
 Measuring Tape
 Micrometer
 Microscope
 Pin Gauge
 Plain Plug Gauge
 Plain Ring Gauge
 Profile Projector
 Pulley
 Radius Gauge
 Screw Gauge
 Setting Ring Gauge
 Slip Gauge Blocks
 Snap Gauge
 Spirit Level
 Straight Edge
 Surface Plate
 Template
 Test Sieve
 Thread Pitch Gauge
 Thread Plug Gauge
 Thread Ring Gauge
 Three Wire Unit
 Total Station
 Try Square/ Right Angle
 Ultrasonic Thickness Gauge
 Vernier Caliper
 Wall Thickness Gauge
 Wear Check Plug Gauge
 Width Gauge
 Wobbling Gauge

Electro-Technical

AC Power Supply (Variac)
 Ampere Meter (AC/DC)
 Barcode reader
 Battery Life cycle Tester
 Battery Tester
 Capacitance Box
 Capacitance Meter
 Clamp meter
 Conductivity Meter
 Counter
 CRO
 Current Coil/ Probe
 Current Probe
 Current Source
 Current Transformer
 Data Logger
 DC Power Supply
 Decade type L/C/R Box
 Digital LCR Meter
 Digital Motor Tester
 Digital Storage Oscilloscope
 DMM
 Earth Leakage Tester
 ECG Simulator
 ELCB Tester
 Electronic Load
 EMF Tester
 EV Test Jig Calibrator
 Frequency Generator
 Frequency/ Hertz Meter
 Function Generator
 Gauss Meter
 High Voltage Test Set
 HV Probe
 Impedance Bridge
 Inductance Box
 Insulation Resistance Tester
 Kelvin / Wheatstone Bridge
 LCR Meter
 Leakage Current Tester
 Magnetic Field Tester
 Mega / Giga Ohm Meter
 Megger
 Milli Ohm Meter
 Milli Volt Calibrator
 Multimeter
 Multi-parameter Calibrator
 Ohm/Resistance Meter
 ORP Meter
 Oscilloscope (CRO/ DSO)
 Peak Current Meter/ Detector
 Peak Voltage Meter/ Detector
 pH Meter
 Phase Sequence Indicator
 PID controller
 PLC Monitor
 Potential Transformer
 Power Analyzer
 Power Clamp Meter
 Power Factor Meter
 Power Meter
 Power Supply (Digital/Adjustable)
 Primary Injection Kit

RCD Tester
 Rectifier
 Relay Testing Kit
 Resistance Box
 RTD / Thermocouple Simulator
 Secondary Injection Kit
 Shunt
 SMD Tester
 Sonicator
 Static Charge meter
 Stop Watch
 Surface Resistivity Meter
 Temp Transmitter
 Temperature Controller
 Temperature Indicator
 Time Totalizer
 Timer
 Transformer Ratio Meter
 Turns Tester
 VAW Meter
 Voltage Source (AC/DC)
 Voltmeter (AC/DC)
 Watt Meter
 Welding Machine
 Winding Resistance Meter
 Witschi Tester

Force & Torque

Chain Pulley
 Compression Strength Tester
 Dart Impact Tester
 Electric Screw Driver
 Force Gauge
 Fork Lifter
 Hardness Block
 Load Tester
 Peel Adhesion Tester
 Proving Ring
 Push Pull Gauge
 Rubber Hardness Tester
 Shore A/D Hardness Tester
 Spring Hammer
 Tablet Hardness Tester
 Tensile Tester
 Tension/ Force Gauge
 Torque Gauge / Tester
 Torque Meter
 Torque Screw Driver
 Torque Wrench
 UTM/ CTM

Mass, Volume & Density

Beaker
 Burette
 Flask
 Hydrometer
 Karl Fischer Titrator
 Laboratory Balance
 Laboratory Weights/ Weight Box
 Load Cell with Indicator
 Measuring Cylinder
 Micro-pipette
 Pipette
 Pressure Vessel
 Pycnometer
 Spring Balance

Syringe
 Tank Volume
 Weighing Balance
 Weight / Mass

Pressure & Vacuum

Air Compressor
 BP monitor
 Bursting Strength Tester
 Compound Gauge
 Dead Weight Tester
 Differential Pressure Gauge
 Leak Test Apparatus
 Magnehelic Gauge
 Manometer
 Pressure Gauge
 Pressure Safety Valve
 Pressure Switch
 Pressure Transmitter
 Sphygmomanometer
 Vacuum Gauge
 Vacuum Switch
 Vacuum Transmitter

Process & Flow

Accelerometer
 Alcohol Meter
 Anemometer
 Cobb Tester
 COF Tester
 Conductivity meter
 Counter
 Digital Electronic Timer
 Dissolution Test Apparatus
 DO meter
 Flow Switch
 Fluid Flow Meter
 Gas Flow Meter
 Gauss meter
 Gloss Meter
 Hour meter
 Laminar Air Flow
 Level Sensor
 Level Transmitter
 Lux Meter
 Magnetic Stirrer
 Peristaltic Pump
 pH meter
 Photo Colorimeter
 Polarimeter
 Pyranometer
 Refractometer
 Rotameter
 RPM meter
 RPM speed of motor(s) etc
 Scuff Tester
 Shock Recorder
 Sound level meter
 Spectrophotometer
 Stop watch (Digital/ Dial)
 Stroboscope
 Tachometer
 TDS meter
 Turbidity Meter
 Vibration Machine
 Vibration meter



FACILITY LIST

Viscometer
Vortex Shaker
Water Flow meter

Temperature & Humidity

Autoclave
Dry & Wet Thermometer
Environmental Chamber
Glass Thermometer
Humidity Chamber
Hygrometer

Incubator
Infrared/Laser Thermometer
Low Temperature Chamber
Muffle Furnace
Non-contact Temperature Scanner
Oven
Refrigerator
Relative Humidity Meter
RTD / PRT

Stability Chamber
Temperature Calibrator
Temperature Gauge
Temperature Scanner/Recorder
Temperature Sensor with display
Thermocouple
Thermo-hygrometer
Thermometer (Non-contact)
Thermometer (Probe type)
Water bath

Dew Point Meter
Soldering Station/ Iron
Pyrometer
IR Thermometer
Black Body Source
Thermal Imager Camera
Ultrasonic Bath
Thermal Mapping

TESTING / ANALYSIS

(As per MIL/ JSS/ UL/ IS/ IEC/ ISO Standards)

✦ Atmospheric Pollution Testing

Air & Water
Illumination
Noise testing of Ambient
Testing of Noise source e.g. DG sets, Boiler, Compressor

✦ Mechanical Stress Testing

Vibration
Shock & Bump
Drop, Topple and Fall
Hammer Impact Testing

✦ Environmental Testing

Temperature (Heat/ Cold),
Humidity
Cyclic variations of Temp/ RH
Altitude test

✦ IP testing - (Ingress Protection)

Severity upto IP68

✦ Accelerated Corrosion Testing

Salt mist Testing

✦ EMI/ EMC Testing

Electrostatic Discharge
Electrical Surge Testing
Electrical Fast Transients
Power Frequency Magnetic field

✦ Electrical Safety tests

Insulation
Dielectric Strength etc.

✦ Electrical testing facility

Oil BDV Test
Earth Pit Electrode
Luminaire
UPS, Inverters
Dry Cells, Batteries

✦ Flammability Tests

UL-94 and others

✦ Tests for Indian Railways

Control Transformers
Compactor Dustbin
Wheel Set Earthing Equipment

✦ Other electrical / industrial items as per customized requirements

✦ Microbiological/ Chemical testing of water and food sample etc.

VALIDATION/ MAPPING

- ✦ Autoclave
- ✦ BOD Incubator
- ✦ Lab Oven
- ✦ Laminar Air Flow
- ✦ Volumetric Tanks
- ✦ Clean room
- ✦ Environmental Chamber
- ✦ Furnace etc