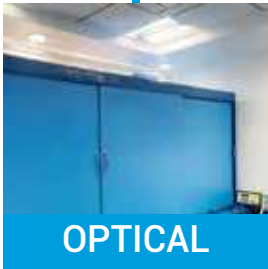




Reva Phoenix Labs & Consultants Pvt. Ltd.

Calibration | Inspection | Testing | Training | Services

ISO 9001:2015 Certified | ISO/IEC 17025:2017 Accredited



OPTICAL



MASS



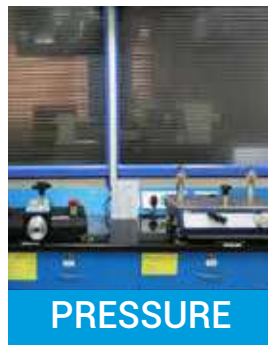
DIMENSIONAL



ELECTRO



FORCE



PRESSURE



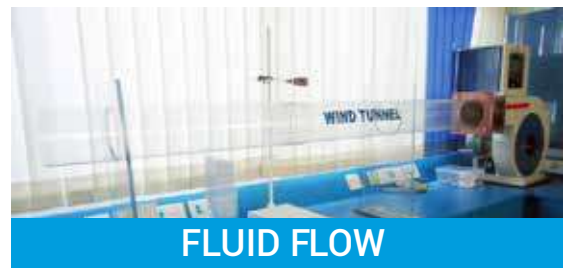
TORQUE



THERMAL



ACCELERATION



FLUID FLOW



FORCE



PRESSURE



THERMAL



MECHANICAL

India's Largest Integrated Calibration | Testing Laboratory

www.revacalibration.com

NABL Accredited

1000+ Customers

50+ Engineers

About Us

Reva Phoenix labs & Consultants Pvt. Ltd. Laboratory Division is India's Largest Integrated & NABL Accredited Calibration & Testing Laboratory; Technically, the best and infrastructurally, the largest integrated Calibration & Testing Laboratory with 20 Metrological Laboratories, all under one-roof to serve our Customers. Please visit www.revacalibration.com to get to know about our state-of-the-art integrated facility and Calibration & Testing Services.

Reva Phoenix is a premier Calibration & Testing Laboratory, ISO 9001: 2015 Certified and accredited by NABL for the latest ISO IEC 17025: 2017 for Calibration & Testing, located in Chennai, India. Being an all-in-one integrated Calibration & Testing Laboratory, we provide Annual Maintenance Contract (AMC) as a Single Source facility for all your Calibration & Testing needs. We provide "at-lab" and "On-site" Calibration & Testing Services using the best of Calibration & Testing Master Equipment. We offer turn-key Solution and Service with all the Calibration & Testing Laboratories under one roof. We also function as a Nodal Laboratory for Inter-Laboratory Comparison (ILC) with the best Uncertainty | CMC values for most of the Lab parameters.



Our Quality Policy

We at Reva Phoenix labs & Consultants Pvt. Ltd. Laboratory Division are committed to provide high Quality Calibration & Test results and excellent professional services to our Customers in compliance with Good Laboratory Practices to achieve Total Customer Satisfaction by providing Professional, Quality, Timely and Reliable – Calibration and Testing services.

We are committed to implement best-in-class Laboratory Quality Management System, per the requirements of ISO 9001: 2015 & ISO/IEC 17025: 2017 International Standards; Continual improvement and training to all concerned personnel in our Laboratory; familiarization and implementation of all the four levels of documented information in our day-to-day activities.

We are committed to ensure I'm partiality, high standards and consistent operation in our Calibration & Testing services to our Customers in our chosen area of work as per NABL guidelines and requirements. We are committed to perform, Calibration and Testing services in accordance with National / International Standards / Stated methods and Customer requirements. We are committed to comply with applicable statutory & regulatory requirements and to continually improve the effectiveness of our Laboratory Quality Management System to achieve Total Customer Satisfaction.

I endorse this Policy and give assurance that it will be communicated, acknowledged and implemented at all levels by our employees and on behalf of the Management, guarantee its implementation across our business.

Jayasree Manikandan | Director | Management Representative

Date: 10.04.2018 | Place: Chennai | Doc No.: RPM-QM-01-R2



Message From Our Director

Jayasree Manikandan

I am happy to get back to you with yet another milestone – Reva Phoenix Labs & Consultants Private Limited, Laboratory Division being accredited with a scope extension by NABL and that makes us One of the single largest – Integrated – Calibration & Testing Laboratory in India!

With all modesty, that's an incredible achievement for a start-up company in our scale of business.



It is the endeavor of Reva Phoenix Labs & Consultants Pvt. Ltd. Laboratory Division to provide ethical, independent, value added Calibration & Testing Services to our Customers.

Our growth is attributed to the patronage and blessings of Mrs. Revathi Venkatesan, My Mother – Founder-Director, Cancer Survivor – a great human being and inspiration behind Reva Phoenix Group of Companies.

Unique Features

Reva Phoenix provides one of a kind Customer service & delight features, such as:

- India's Largest Integrated Calibration & Testing Lab accredited for ISO/IEC 17025: 2017 by NABL
- Come – Visit us – and you will understand 'Metrological' requirements, traceability & cleanliness
- Maximum Scope for NABL related Calibration & Testing is our drive for Continual Improvement
- Integrated 15 Calibration & Testing Laboratories – all under one roof to serve our Customers
- ISO 9001: 2015 Certified Business Laboratory with the Largest Scope of work in India.
- Provides an opportunity for Industry professionals to learn with our Lab Technicians
- Single source Calibration & Testing facility for all your Calibration & Testing needs
- 100% guaranteed delivery – 24 hours / 48 hours / 72 hours at no additional cost
- World Class Visual Management System, 5S, TQM and QC in Practice – at work!
- State-of-art Calibration and Testing Laboratory with best in class Masters
- No additional cost for express Calibration / Testing services and delivery
- Complete chain of traceability certificates provided at no additional cost
- Free pick-up – collection and delivery of equipment (within Chennai)
- Annual Maintenance Contract (AMC) for Calibration & Testing
- Tie-up with Manufacturing Organizations for AMC
- 30 days credit period for registered Customers
- Best-in-Class Measurement Uncertainties
- Technical Services & Audit Assistance



Mission

To achieve Leadership position in Calibration and Testing business through 3P's: Precision / Perfection / Professionalism



Vision

To be one of the best & profitable Calibration and Testing Laboratory in India, delivering reliable results & on-time delivery to our Customers

Industry We Serve

- Oil & Gas Industry
- Aerospace Industry
- Automobile Industry
- Manufacturing Industry
- Plastics Industry
- Constructions Industry
- Rubber Industry
- Concrete Batching Plant
- Electrical Industry
- Stamping Industry
- Cement Plant
- Electronics Industry
- Fabrication Industry
- Power Plant
- Plating & Painting Industry
- Powder Coating Industry
- Chemical Industry
- Steel Plant
- Ship & Seaport
- Gas Industry
- Foam Industry
- Food Industry
- Water Industry
- Garments Industry
- Die Castings Industry
- Foundry Industry
- Tiles Industry
- Petroleum Products Industry
- Heat Treatment Industry
- Bio Tech Industry
- Calibration Laboratory
- Testing Laboratory
- Hospitals Industry
- Hotels Industry
- Educational Institute
- Government Industry
- Defense Industry
- Pharmaceutical Industry
- Ply Wood Industry
- Leather Industry

Our Services

Sales



At Reva Phoenix, we provide turn-key Sales & Service for all your equipment needs. A one-stop-shop for your purchase needs for 20 different Laboratory equipment with no compromise on Quality and Reliability.

Testing



Reva Phoenix is one of India's largest integrated Calibration & Testing Laboratory with 20 Integrated Laboratories under one roof. Best-in-class Mechanical Testing is our specialization.

Calibration



Reva Phoenix is one of India's largest integrated Calibration & Testing Laboratory with 20 Integrated Laboratories under one roof offering a one-stop-solution for all your Calibration needs.

Inspection



Reva Phoenix provides independent Third Party Inspection and Witness services for Governmental, Automotive, Aerospace, Oil & Gas, Electrical, Electronics and Process industries.

Training



Reva Phoenix is an authorized Training Provider for Internal Auditor and Lead Auditor Courses for ISO/IEC 17025: 2017. We also provide Lab based Technical trainings to companies & individuals to suit to your training needs.

Services



At Reva Phoenix, we provide repair and service of your laboratory / company equipment with the shortest lead time and cost effectiveness. A one-stop-shop for your service needs for 20 Laboratory equipment with no compromise on Serviceability.

Feedback From Clients

4.9
Out of 5

Muthu Ganesan ★ ★ ★ ★ ★

Excellent Laboratory for Calibration and Testing. Metrological Calibration Laboratory is one of the best. Great experience during training

Suseendran K.N ★ ★ ★ ★ ★

The requirements and the inputs to be give for a calibration and the way to do it in a systematic is thought practically and step by step with prover knowledge sharing

Gokul Krishnan ★ ★ ★ ★ ★

We had a very good experience in the calibration training course as per ISO IEC 17025. Overall it was like a technical institution for the knowledge seekers. Thanks.

Anbu Sekar ★ ★ ★ ★ ★

One of the best calibration lab with advanced technology. Customer service is really good. Lab and office area 5S well maintained. Workmanship and customer focus are upto the mark. Keep it up all and All the best.

Dimensional Metrology

Dimensional Metrology provides consistent, extensive, accurate and timely calibration services. Our Laboratory is equipped with latest technology and high accuracy masters to achieve lower uncertainty resulting one of the largest reliable labs in India.



Our laboratory is conditioned and monitored to maintain at a temperature of $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$ and relative humidity of $50\% \pm 10\%$ to minimize the thermal expansion thereby obtaining most accurate measurements.



Project Projector



Dial Calibration Tester



2D Electronic Height Gauge



Lever Dial Gauge



Floating Carriage Dia Measuring Machine



Surface Plate



Length bar



Caliper Checker



Gauge Blocks



Length Measuring Machine

Our Dimension Calibration – Capability:

- Calipers
- Height Gauges
- Depth Gauges
- Depth Micrometer
- Dial Bore Gauge
- Plunger Dial Gauge
- Lever Dial Gauge
- Micrometer Head
- Dial Caliper Gauge / Groove Dial Gauge
- Internal Micrometer
- Internal Micrometer
- External Micrometer
- Three Point Micrometer / Hole Tester
- Dial Snap Gauge
- Dial Snap Micrometer
- Dial Thickness Gauge
- Height Micrometer / Height Master
- Riser Blocks
- Straight Edge
- Comparator Stand
- Engineer Parallel / Parallel Blocks
- Caliper Checker
- Check Master
- Depth Micro Checker
- Floating Carriage Dia. Measuring M/c.
- Dial Calibration Tester
- Electronic Level
- Surface Roughness Tester
- Extensometer
- Surface Plate
- Bench Center
- Brinell & Vickers Hardness
- Measuring Device (Verification of Linear) Travel
- Weld Gauge
- Length Bar
- Micrometer Setting Rod
- Long Gauge Blocks
- Plain Gap Gauge
- Hub Gauge
- Snap Gauges
- Length Gauge
- Pitch Micrometer
- Pistol Caliper
- Groove Micrometer
- Engineer Square / Try Square
- Angle Plate / Box Angle
- Sine Bar/ Sine Center
- Thread Pitch Gauge
- Cone Master
- Angle Gauge Blocks
- Taper Scale
- Radius Gauge
- Test Sieves
- 'V' Block
- Feeler Gauge Set
- Master Foils / Thickness foils
- Slip Gauge Accessories Set
- Flush Pin Gauges
- Width Gauge
- Thread Measuring Wires / Three Wire Units
- Cylindrical Setting Masters
- Mandrels
- Measuring Pins / Pin Gauge
- Thread Measuring Prisms
- Plain Plug Gauges
- Spline Ring Gauges
- Length Measuring
- Profile Projector
- Video Measuring Machine
- Metallurgical Microscope / Tool Makers Microscope
- Depth indent Measurement Device for Hardness Tester

Torque Metrology

Torque Metrology is designed and equipped with high range (3000 Nm) computerized torque wrench calibration system complies to ISO 6789: 2017 International Standards.



Reva Phoenix Labs & Consultants Pvt. Ltd. Laboratory Division utilizes high accuracy load sensors to perform calibrations. Torque Calibration includes Torque Screw Driver Up to 12 Nm and Torque Wrench calibrations range covers 0-3000 Nm done through Torque Wrench Calibration System High Precision Sensors with indicators

We take responsibility in helping and supporting our customers to effectively use the results from their calibration certificate to make decisions.

Our Torque Calibration – Capability:

- Torque Wrench
- Torque Screw Driver
- Torque Dial Gauge



Torque Screw Driver



Digital Torque Wrench



Torque Wrench – Dial Type



Torque Wrench – Beam Type

Pressure | Acoustics Metrology

Pressure metrology has sophisticated equipment like high accuracy pneumatic and hydraulic dead weight tester for calibration of high accuracy pressure indicating devices at laboratory. Our pressure lab offers high positive pressure reference up to 58000 psi (4000 bar) and low positive pressure standards from -30 mbar to -1000 m bar in lab.



Dead Weight Tester

Our Acoustics metrology offers calibration of sound level meters with high precision masters to obtain better measurement results.



Pressure Gauge



Pressure Calibrator



Sound level Calibrator



Pressure Transmitter

Our Pressure Calibration – capability:

- Differential Pressure Gauge
- Pressure Transmitter
- Low Pressure Manometer
- Pressure Transducer
- Digital Pressure Gauge
- Pressure Logger
- Pressure Switch
- Analog Pressure Gauge
- Vacuum Gauge
- Pressure Calibrator
- Compound Gauge
- Magnehelic Gauge
- Level Gauge Manometer
- Pressure Indicator
- Pneumatic Pressure Gauge
- Manometer
- Hydraulic Pressure Gauge
- Pressure Controller
- Absolute Pressure Gauge
- Pressure Recorder
- Barometer

Our Acoustics Calibration

- Sound Level Meter

Mass | volume

Metrology

Mass Metrology is equipped with high precision micro and semi-micro balance for calibration of High accuracy E1 & E2 class weights.

We calibrate wide range of weighing scale / balances from 1mg to 2000 kg using high accuracy weights. In addition to mass calibration, our laboratory performs volume, density and viscosity calibration includes Micro pipette ranges from 1 μ l to 10000 μ l, pipette ranges from 0.1 ml to 100 ml, Burette and pycnometer ranges from 1ml to 100 ml, Measuring cylinder ranges from 1 ml to 10000 ml, Volumetric / Le-Chatlier Flask ranges from 1ml to 2000 ml, Measuring Jar ranges from 1 ml to 10000 ml, Bulk density cylinder ranges from 3000 ml to 15000 ml, Hydrometer – Density Hydrometer, Twaddle Hydrometer, Baume Hydrometer, Specific Gravity Hydrometer, Brix Hydrometer, Lactometer, Alcometer, Be° Hydrometer, °API), Density of liquids, Density of solids, Density of unknown liquid, Viscosity cup, Ford cup etc.,

Our Mass and Volume Calibration – Capability:

- Standard Weights(E1 & E2) Class
- Weighing Scale and Weighing Balance
- Micro Pipette
- Pipette
- Burette
- Pycnometer
- Volumetric Flask
- Le Chatlier Flask
- Measuring Cylinder
- Measuring Jar
- Bulk Density Cylinder



Analytical Balance



Precision Balance



Semi Micro Balance



Standard Weights
E2 Class



Medium Balance



Standard Weights F2 Class



Ordinary Balance



Semi Micro Balance



Beaker



Measuring Cylinder



Micro Pipette

Density | Viscosity Metrology

At Reva Phoenix, for Density, we calibrate all types of Hydrometers by hydrostatic method using suitable weighing balance and associated infrastructure. As for Viscosity, we calibrate, various types of devices used for viscosity measurement, such as, Flow cup, Ford or Zahn cup,

Our Density and Viscosity Calibration – Capability:

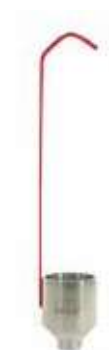
- Density of Liquid
- Density of Solid
- Density Hydrometer
- Twaddle Hydrometer
- Baume Hydrometer
- Specific Gravity Hydrometer
- Brix Hydrometer
- Lactometer
- Alco meter
- Be° Hydrometer
- °API
- Density of Unknown Liquid
- Viscosity Cup
- Ford Cup
- DIN Cup
- ISO Cup
- Shell Cup
- Zahn Cup
- Dip Cup
- Flow Cup



Flowcup



Hydrometer



Viscosity Cup

Electro-Technical Metrology

Electro Technical Metrology utilizes Multi-product calibrator (MPC) & 8.5 Digital Multimeter (DMM) to perform calibration of source and measure parameter.

Electro-Technical calibration includes wide range of DC / AC voltages 1 mV to 1000 V @ several frequencies, DC / AC current 10 μ A to 1000 A, frequencies up to 2 MHz, Resistance 0.01 Ω to 1 T Ω , Temperature Simulations of K, J, T, U, N, B, E, R, S type Thermocouples & RTD Sensors (Source, Measure), AC / DC Power (100 mW to 20 kW), Power Factor (0.2 to UPF), Capacitances (100 pF to 10 μ F), Inductance (100 μ H to 10 H), Digital Oscilloscope (up to 1 GHz), Timer (1 sec to 24 Hrs), High Voltage measurement 40 kV DC / 28 kV AC (at lab & onsite) & Current source measurement (Up to 150 A).



Multifunction Calibration



5.5 Digital Multimeter



DC Electronic Load



DC Regulated Power Supply



LCR Meter



Decade Capacitance Box



Resistance Meter



High Voltage Probe

Our Electro – Technical Calibration – Capability

- Analog Voltmeter
- Digital Voltmeter
- Multimeter
- Clamp meter
- Digital mA Meter
- Temperature indicators/ controllers
- Current Sources Stopwatch
- Analog Ammeter
- Digital Ammeter
- Analog Wattmeter
- Power Meter
- Power Factor Meter
- Inductance Box
- Resistance Boxes
- High Voltage Tester
- Micro Ohm Meter
- Insulation Tester / Megger
- Digital Oscilloscope

Thermal Metrology

Our Thermal Calibration lab is designed and constructed to meet the requirements of IEC 17025 and NABL standards for the calibration of Thermal equipment's.

Thermal Metrology utilizes Semi – Standard Platinum Resistance Thermometer, S-Type Thermocouple and Standard pyrometer to perform calibration of contact and Non-contact type temperature sensors.



Humidity Sensor



Portable Calibrator 650



Platinum Resistance Thermometer (PRT)



Temperature Recorder



Temperature Gauge



Water Bath



Muffle Furnace



Autoclave

Our Thermal Calibration – Capability:

At Lab

- Glass Thermometer
- Thermocouple
- RTD
- Temperature Indicator with sensor
- Temperature transmitter
- Temperature gauge
- Temperature switch
- Pyrometer
- IR Thermometer
- Black Body Source
- Dry bath
- Liquid bath
- Hygrometer
- Humidity Sensor

At Site

- Thermocouple & RTD
- Glass Thermometer
- IR Thermometer
- Black Body Source
- Temperature indicator of furnaces
- Temperature indicator of BOD Incubators
- Temperature indicator of freezers / Deep Freezers
- Temperature indicator of Auto Claves
- Temperature indicator of Ovens- Single point
- Oven – Multipoint
- Refrigerator – Multipoint
- Furnaces – Multipoint
- Temperature indicator of Incubators
- Temperature indicator of water Baths
- Deep Freezers – Multipoint
- Chambers – Multipoint
- Humidity Chambers – Multipoint

Force, Hardness and Impact Metrology

Reva Phoenix Labs & Consultants Pvt. Ltd. Laboratory Division offers calibration Mobile Force measuring systems and Uni-axial testing machines.

Our lab is equipped with high accuracy Newton weights for calibrating push & pull force gauges & Spring balances ranging up to 2000 N. We also equipped with high accuracy load cells for calibrating Universal testing machines, Creep Testing Machines, Compression testing machines and Tensile testing machines ranging from 100 N to 1000 kN both in tension and compression mode.

Our Force, Hardness & Impact Calibration – Capability:

At Lab

- Durometers (Shore A and Shore D)
- Push and Pull Force Gauges
- Leeb Portable Hardness Testing Machine

At Site

- Uni-axial static Testing Machines – UTM, TTM, CTM & Creep Testing Machine
- Rockwell Hardness Tester
- Brinell Hardness Tester
- Vickers Hardness Tester
- Micro Vickers Hardness Tester
- Rubber Hardness Tester / Durometer
- Charpy & Izod Impact Tester
- Speed of Uniaxial Testing Machine



Brinell Hardness Tester



Durometer



Compression Testing Machine



Impact Testing Machine



Universal Testing Machine



Push & Pull Gauges



Rockwell Hardness Testing Machines



Tensile Testing Machines

Fluid Flow Metrology

Fluid flow metrology offers calibration of velocity meters like different types of Anemometers to the customers to from a wide range of Industrial sectors like HVAC systems, Automotive, wind mills, process Industries, chemical industries, flow meters manufacturers, Research and Development centers, Academic Institutes etc.,

Our Fluid Flow Calibration – Capability:

- Anemometer (Velocity of air)



Vane Type Anemometer



Hot Wire Anemometer

Acceleration and Speed Metrology

Acceleration & speed metrology performs calibration of tachometer both in contact and Non-contact mode, RPM meters, Centrifuge, RPM source/ calibrators, stroboscope etc.,

Our high precision Masters has the capability to calibrate meters up to 10,000 rpm in contact mode and 1,00,000 rpm in Non-contact mode.

Our Acceleration and Speed – Capability:



Tachometer

At Lab

- Tachometer (Contact and Non – Contact)
- RPM Indicator
- Stroboscope

At Site

- Centrifuge
- RPM Meter / Source

Optical Metrology

Optical Metrology at Reva Phoenix Labs & Consultants Pvt. Ltd. Laboratory Division has the scope for calibration of lux and light meters. Our optical Metrology is equipped with 3 meters test bench setup to cover the entire range of lux / light / illuminance meter calibration.

Whether you work with sodium, tungsten, mercury of florescent lightening, when it comes to light meter calibration, you can rest assured that our team of highly trained Engineers will calibrate your equipment with the highest level of precision.

We have the capability to calibrate lux / light meters up to 2 lakh lux using $V(\lambda)$ & cosine corrected photometers, with detector based photometry calibration gives accurate results.

We also offer calibration for luminous intensity on light source for up to 1200 candela

Our Optical Calibration – capability:

- Lux meters | Light meters
- Luminous Intensity



Tungsten
Halogen Lamp



Lux Meter



Accreditation



ISO 9001:2015 Certified Company



ISO \ IEC 17025:2017 NABL Certified



5s Platinum Certification & Award



5s Gold Certification & Award

Our Clients



Reva Phoenix Labs & Consultants Pvt. Ltd.

Calibration | Inspection | Testing | Training | Services

ISO 9001:2015 Certified | ISO/IEC 17025:2017 Accredited



Dimensional | Pressure | Torque | Force | Hardness | Impact | Mass | Volume |
Electro-Technical | Thermal | Acoustics | Acceleration & Speed | Fluid Flow | Optical |
UTM | TTM | Tachometer | Anemometer | Durometer | Lux Meter | Push Pull Gauge |
Rockwell | Brinell | Vickers | Micro Vickers | Mechanical Testing | Impact Testing :
Mechanical Properties of Metals and Non-Metals



Head Office / Laboratory

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+91 98406 72352



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