



Quality Assurance

QA TESTING LABORATORIES PVT. LTD.

A Complete Solution in field of Testing with Accurate and Reliable Result



OUR ACCREDITATIONS



ISO: 9001:2015, 14001:2015 & 45001:2018



ISO/IEC 17025:2017
QAI/CIA/TL/2024/0058



Certificate No.:
QAT2381025IN



Certificate No.:
QAT2381E26IN



Certificate No.:
QAT2381027IN



TC-8386



Bureau of Indian Standards



UAN No.: UP28E025477

An ISO/IEC 17025:2017, BIS, ILAC & ISO:9001:2015, 14001:2015, 45001:2018 Accredited Laboratory

About Us

QA Testing Laboratories (QATL) is a Material/Product Testing to identify Chemical, Mechanical and Physical Properties of Products such as Coal, Food & Agriculture, Metal, Plastic and Polymer Products, Garments, Drugs and Cosmetic, MS, HDPE &



GI Pipes, Water (Waste Water, ETP/STP Water, Drinking Water, Construction

Water), Environment (Air, Noise, Lux, Stack), Soil Investigation (SPT) & Non Destructive Test (NDT), Topographical Survey and Building/Construction Material and Road & Highways.



Our Vision

To be the trusted partner for Quality Assurance in field of testing.

Our Mission

We will provide reliable and accurate results, using Innovative solutions, through affordable analytical Testing.



Quality Assurance

Quality Assurance program ensures customers data meets national as well as international quality standard. We monitor quality through participation in various ILC (Inter Laboratory Comparison) and proficiency testing. Our labs use concepts of Total Quality Management System (TQM), which continuously refines laboratory processes based on continuous quality feedback and single window for customer's query.



Our Certification



Customer Service

QATL has dedicated quality assurance departments which independently handle customer needs and also provides reliable analysis in the field of testing by fulfilling customer demands.

We have computerized and automated the critical functioning right from sample booking to computation of analytical data and report processing which greatly reduce factor of human error, ensuring greater reliability in analytical results. At QATL quality & dependability and reliability is defined in terms of various operational & functional parameters catered with standardized specializations depending on customer needs. Our reliable testing is monitored by internal quality assurance departments and our comprehensive SOP's provide the frame work that assures reliable services with the highest standards to our Valuable Customers.

LIMS (Laboratory Information Management System)

We in QA Testing follow laboratory information management system (LIMS) which is a software system developed to support laboratory operations. This software system can track specimens and workflows, aggregate data for research or business intelligence purposes, and ensure laboratory operations are completed with various standards and regulations.



Modern Equipments and infrastructure

QA Testing laboratories are well equipped with state of the art machinery and equipments. The tests are profound on modern machinery by highly qualified analysts with best infrastructure in class.

Your Success is Our Priority

Improve in the Quality

Regulatory Compliances

Selecting appropriate materials and treatments for an application Cost Effectiveness.

Product Selection Design and Improvement.

Build Confidence on the conformity of the Product.

Understand the lifecycle of the Product.

Planning, Development, and Site Evaluation.

Identification of composition in Product.



Our Services

QA Laboratories offers accurate, cost effective chemical and mechanical analysis in accordance with American Society of Testing and Materials (ASTM), International Standards Organization (ISO) & Indian Standard (IS) for specific registered tests.

Coal, Coke and Petroleum Products Testing

We are following different testing method and procedures to identify the properties of coal & coke and petroleum products based as per customer requirements

- Proximate Analysis & Ultimate Analysis
- Boiler Drum
- Total Moisture (As Received Basis, on Dry Basis, Equilibrated Basis)
- Gross Calorific value & Net Calorific value
- Fly Ash
- Diesel
- Petrol



Food & Agriculture Products Testing

We are fully equipped with high tech instruments and following different Indian and International Standards to test different parameters of food and Agriculture Products to meet the regulatory requirement of Government Organizations such as FSSAI (Food Safety and Standards Authority of India)

- Bakery and Confectionary Products
- Milk & Dairy Products
- Spices and Condiments
- Cereal, Pulses & by Products
- Starch and Starchy Products
- Chemical Food (Pesticides)
- Stimulant Food
- Tobacco Products
- Food Additives



Building Material and Construction Products Testing



QA Testing Laboratories are into Analysis of complete parameters of building/Construction material, Standard Penetration Test (SPT) of Soil, Geotechnical Engineering, Material, Survey and Non-Destructive testing consultant for Buildings, Bridges, Roads & Highways and other Civil Engineering structures to identify the durability, strength and sustainability of the products or material which as used in construction of roads, highway, building etc.

Mechanical Test

- Coarse Aggregate & Fine Aggregate
- All type of Pipe HDPE/GI/MSP Pipe
- Bitumen & Allied Materials
- Concrete Core & Cubes
- Autoclave Aerated Concrete Block (ACC Block)
- Design of Concrete
- Bricks Clay & Bricks (Fly Ash, Lime & Sewer)
- Fly Ash
- Concrete Block for Paving (Paver Block)
- Tiles
- Ordinary Portland Cement (OPC) & Portland Pozzolana Cement (PPC)
- High Strength Deformed Steel Bars & Wires for Concrete Reinforcement (TMT Bar)
- Soil & Rock
- Granular Sub Base (GSB)
- Mild Steel & Stainless Steel
- Wet Mix Macadam (WMM)
- Emulsion (SS-1 & RS-1)
- Bituminous Macadam (BM)
- Dense Bituminous Macadam (DBM)
- Bituminous Concrete (BC)
- Dry Lean Concrete (DLC) & PQC
- Bentonite
- Acyclic Sheet
- Paint and Paint Products
- Core Cutting

Chemical Test

- Cement
- Bentonite
- Concrete Admixtures
- Bitumen's & Asphalts & Allied Materials
- Fly Ash
- Soil
- Ordinary Portland Cement (OPC)
- Stone Aggregate
- Building Chemicals
- Steel, Stainless Steel, Mild Steel & TMT Bar



Road & Highways Testing



QA Testing Laboratories is a NABL Accredited laboratories having complete facility in Road & Highways covering all products and parameters such as Aggregates, Bitumen, Bitumen Emulsion, Soil, Cement, etc. Which include Mix Design for Flexible pavements (i.e. for Granular Layer, Binder Course and Wearing Course) & Concrete pavements (i.e. for Pavement Quality Concrete & Dry Lean Concrete) & for Field Test (i.e. Benkelman Beam Deflection Test & Roughness Test by Bump Integrator, Auto Level Surveys, Dynamic Cone Penetration Test (DCP), Road Marking Testing (Include measuring the retro-reflecting, luminance and skid resistance of a road marking).

QA Testing Laboratory is equipped with complete facility for Road & Highways Testing with new Technology of Equipment such as:-

- Standard and Modified Marshall Compactor Apparatus
- Stability And Flow Apparatus
- Penetration Apparatus
- Softening Point Apparatus
- Ductility Test Apparatus
- Centrifuge Extractor
- Pensy Martens Test Apparatus
- Polished Stone Value Apparatus
- Bath for Absolute and Kinematic Viscosity test for Bitumen
- Thin Film Oven
- Apparatus for particle charge Emulsion
- Saybolt Furol Viscometer
- Concrete Mixer
- Compressive Strength Test Apparatus
- CBR Apparatus
- Standard and Modified Proctor Test Apparatus
- Impact Value Test Apparatus
- Crushing Value Test Apparatus
- Abrasion Test Apparatus
- Benkelman Beam Test Apparatus
- Bump Integrator Apparatus



Road Marking Test



Dynamic Cone Penetration Test



Auto Level Surveys



Benkelman Beam deflection Test (BBD)



Bump Integrator

All Competent personal having vast experience in the field of road & highways will assure that the organization's quality objectives are being met, by using certain techniques such as continually monitoring process and statistical process control.

Quality control of construction materials and finished product is essential requirement for obtaining improved and uniform standard of road construction.

The insights obtained from all tests contribute to various aspects of road performance. They help engineers assess factor such as durability, stability, resistance to deformation, and compatibility with different weather condition and traffic loads.

All the test are performed by highly qualified engineers and technicians who are constantly supervised by experienced faculties in order to assure the compliance of these tests with the standards.

Non-destructive Testing

Non-Destructive Testing (NDT) is used to collect information about a material in ways that do not alter it (i.e., without destroying it).

NDT offers several benefits, such as convenience of testing, portability of NDT equipment, and more. Among the most notable advantage are-

- i) Non-destructive testing produces consistent and precise data that can provide stability. Because this testing procedure does not damage the components, all equipment and machinery can be tested, reducing test results errors and any apparent abnormalities.
- ii) Machinery must be checked regularly to meet industry safety standards, and non-destructive testing is one of the most cost-effective inspection techniques.



Bridge & Slab Load Test



Rebound Hammer Testing

QA Testing Laboratories is a NABL Accredited laboratories having complete facility in Destructive and Non-Destructive Testing covering all products and parameters such as Rebound Hammer Test, Ultrasonic Pulse Velocity Test, Resistivity, Rebar Scanning, Pull Out - Anchor Bars/Rock Bolts, Concrete Core, Carbonation of Concrete, Liquid (DYE) Penetration Test, Pile Load Test- Lateral, Vertical & Pullout/Uplift, Plate Load Test, Low Strain Pile Integrity Test, High Strain Dynamic Load Test, Cross Hole Sonic Logging, Bridge & Slab Load test, Nuclear Density Gauge etc.

QA Testing Laboratory is equipped with complete facility for Non-Destructive Testing with new Technology of Equipment such as:-

- | | |
|---------------------------------|---|
| • Rebound Hammer Test | • Ultrasonic Pulse Velocity Test |
| • Resistivity | • Rebar Scanning |
| • Pull Out Test on Concrete | • Pull Out Test on Anchor Bars/ Rock Bolts |
| • Concrete Core | • Carbonation of Concrete |
| • Liquid (DYE) Penetration Test | • Pile Load Test by Vertical, lateral & Pull Out method |
| • Plate Load Test | • Low Strain Pile Integrity Test |
| • High Strain Dynamic Load Test | • Cross Hole Sonic Logging Test |
| • Bridge & Slab Load Test | • Nuclear Density Gauge |



Ultra Sonic Pulse Velocity Test

QA testing Laboratory is a certified laboratory which provide a structure stability certificate on the behalf of NDT testing.

A Structural Stability certificate is an essential document that certifies the stability of a building's structure. It is a vital requirement during the purchase, sale and renovation of properties. The certificate confirms that the building's structural elements are stable, secure and safe for occupation.



Pile Integrity Test



Plate Load Test



Nuclear Density Gauge



Core Test



Cross Hole Sonic Logging



Carbonation of Concrete



Rebar Scanning



Building Structure Stability

Water Testing

QA Testing Laboratories helps to identify the properties and elements present in water which play a virtual and significant role in treatment of water for better usage.

- Bore well Water
- Process Water
- Portable and Domestic Water
- Water for Construction
- Industrial Effluent & Domestic Effluent
- Swimming Pool Water
- RO Water
- Tube well Water
- Drinking Water
- Soft Water
- Waste Water
- Agriculture Water
- STP/ETP (Inlet and Outlet Water)
- DM Water



Environment Testing

QA Testing Laboratories helps to identify the composition present in environment, there are different guidelines of central pollution control board and state pollution control board according to which the quality is declared and maintained.

- Stack Emission
- Noise
- Source Emission
- Ambient Air
- Lux Level
- Auto Exhaust Monitoring
- Fugitive Emission
- Atmospheric Pollution
- Physical Analysis



Garments Products Testing

Drugs and Cosmetic Products Testing

Metal and Plastic Products Testing

Paint Products Testing

Training

Recognizing the importance of training in today's competitive business environment and in order to support high growth of industries, QA Testing Laboratories training services are designed to provide cost-effective, localized education and training in various management systems and professional disciplines. QA Testing Laboratories helps companies understand, implement and manage testing activities and processes through its training solutions in its endeavour to equip your staff with the confidence and expertise they need to attain their goal. Our training solutions are built on innovative experimental methodologies with global delivery capacity.



Our Valuable Customers

Government Departments

- Airports Authority of India
- Central Public Works Department
- Indian Army
- Uttar Pradesh Rajkiya Nirman Nigam Ltd.
- Public Works Department
- Rural Engineering Department
- Dr. Narla Tata Rao Thermal Power Station
- Rajasthan Rajya Vidyut Utpadan Nigam
- Uttarakhand Jal Nigam
- National Highways Authority of India
- Pradhan Mantri Gram Sadak Yojana
- Uttarakhand Jal Sansthan
- Agra Metro Rail Corporation
- Delhi Metro Rail Corporation
- Construction and Design Service
- Uttar Pradesh Housing & Development Board
- UP Jal Nigam
- Uttar Pradesh Projects Corporation Ltd.
- Military Engineering Service
- Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd.
- Madhya Pradesh Power Generation Company Ltd.
- Uttar Pradesh State Bridge Corporation Ltd.
- Public Works Department Uttarakhand
- Uttarakhand Irrigation Department
- Uttarakhand Pay Jal Nigam
- Defence Research and Development Organisation
- Kanpur Metro Rail Corporation
- Ghaziabad Development Authority

Public Sector Undertaking

- Indian Oil Corporation Ltd.
- Rosa Power Supply Company Limited
- National Building Construction Corporation
- Dedicated Freight Corridor Corporation of India Ltd.
- Konkan Railway Corporation Ltd.
- Construction & Design Services
- Mineral Exploration Corporation Limited
- RITES Limited
- National Fertilizers Limited
- Noida, Yamuna Industrial Expressway Development Authority
- WAPCOS Limited

Private Organizations

- Salasar Techno Engineering Limited
- JSW Cement Limited
- Quality Austria Central Asia
- Landmark Buildwell Pvt. Ltd.
- Malhotra Rubbers Limited
- Wirtgen Group
- Larsen & Toubro Limited
- Sam India Built Well Pvt. Ltd.
- Gammon India Limited
- Raj Shyama Construction
- Vishnu Saran & Co.
- AFCONS Ltd.
- H.G Infra Engg. Ltd.
- Kaluwala Construction Private Limited
- Dev Yash Projects & Infrastructure Pvt. Ltd.
- Navyug Construction Limited
- Jindal Steel and Power Limited
- Star Paper Mills Ltd.
- SNS Technocorp Pvt. Ltd.
- Inventum Power Private Limited
- NU Vista Limited
- Dalmia Bharat Cement
- Nagarjuna Construction Company Limited
- L.N. Malviya Infra Projects
- Tata Steel Limited
- APCO Ltd
- Sam India Pvt. Ltd
- Ahluwalia Contracts India Limited
- KRC Infra Project Pvt. Ltd.
- Monte Carlo Ltd.
- Krishna Constellation Pvt. Ltd.



Pradhan Mantri Gram Sadak Yojana



Our Accreditations



ISO: 9001:2015, 14001:2015 &
45001:2018



Certificate No. :
QAT23B1Q25IN



Certificate No. :
QAT23B1E26IN



Certificate No. :
QAT23B1O27IN



ISO/IEC 17025:2017
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मानक: पद्यप्रदर्शक
Bureau of Indian Standards



UAM NO. : UP28E0025477

An ISO/IEC 17025:2017, BIS, ILAC & ISO:9001:2015, 14001:2015, 45001:2018 Accredited Laboratory

Our Presence



Central Laboratory

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Lucknow Laboratory

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Dehradun Laboratory

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Korba Laboratory

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