



Lab Brochure



GHAZIABAD TESTING LABORATORIES PVT. LTD.

**AN ISO:9001:2015, ISO:14001:2015, ISO:45001:2018 CERTIFIED,
BIS APPROVED & NABL RECOGNIZED TESTING LABORATORY**

- ✓ Electrical Testing
- ✓ Building Material Testing
- ✓ Road Material Testing
- ✓ Job Mix Design for FDR
(Full depth Reclamation) for Roads
- ✓ Leather & Textile Testing
- ✓ Soil & Water Testing
- ✓ Food & Pharma Testing
- ✓ Metal & Alloys Testing
- ✓ Microbiological Testing
- ✓ Environmental & Pollution
Testing

GET IN TOUCH WITH US!



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www.gtllab.org

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About Us



The Ghaziabad Testing Pvt. Ltd. founded in 2002, based in Ghaziabad is a leading & prominent third-party quality control testing laboratory and providing a wide range of testing services to clients in India.

'The laboratory is rated in the top three electrical items testing laboratory in India.'

Our aim to offer innovative and exceptional services through analytical process and methodologies, that help organization and industries in India of all sizes of achieve predictably improved, cost-effective product quality levels, while maintaining integrity in testing procedures.

It is a laboratory accredited by NABL providing testing facilities building and road material testing, Metals & Alloys testing, Non-destructive testing, Leather & Textile testing, Soil & Geotechnical testing, Chemical testing, Cosmetics & Essential Oils testing, water testing, Drugs & Pharmaceuticals testing, Food & Agricultural testing, Pesticide Formulations testing, Pollution & Environmental testing, Residues and contaminates analysis etc.

Our experienced and competent staff equipped with potent testing services authentically analyses the time-and-cost effective factors, while eliminating substantial risks regarding the performance and safety of products, which otherwise pose a huge threat to the very life of our society. Ghaziabad Testing Pvt. Ltd relies on a systematic approach and expertise

Hence, for Ghaziabad Testing Pvt. Ltd it is of utmost priority, to build and nurture trustworthy relationships with its clients, constantly, assuring, their well-being lies at the core of its overall deliverables

Ghaziabad Testing Pvt. Ltd has been certified by ISO 9001:2015, ISO 14001:2015 ISO 45001:2018, National Accreditation Board for Testing and Calibration Laboratories, Bureau of Indian Standards.



From Managing Director Desk

On behalf of the elite Ghaziabad Testing Pvt. Ltd Team, I am honored to welcome you to our website!

Ghaziabad Testing Pvt. Ltd laboratory has emerged as one of the leading laboratories in the field of testing services in India. Over 20 years, we have been providing our clients with the highest quality testing services, helping them to meet their regulatory and quality requirements, and ensuring the safety and efficacy of their products.

Ghaziabad Testing laboratory always seen “Quality is our utmost priority, thus ensuring rigorous testing methods, continuous expansion to meet a broad range of standards and overall development of analytical processes and facilities. Every department is regularly reviewed, and corrective actions are arranged wherever necessary. However, we believe that there is always scope for improvement in the journey towards excellence; hence, your valuable suggestions are solicited”.

Sincerely,

Alok Chaurasia

Managing Director

Ghaziabad Testing Lab. Pvt. Ltd.

Contact: md@gtllab.org



Vision & Core Values

To discover, develop and deliver innovative and accurate means of material testing. Our vision is to be the leader in the field of quality control instinct. We offer a wide repertoire of testing services and solutions.

Great care is taken to ensure the high levels of standards, promptness and accuracy at every stage of testing. Ghaziabad Testing Laboratory believes in establishing long-term, strategic relationships with customers as opposed to short-term, opportunity-based engagements. Ghaziabad Testing Laborites has had the chance to serve across multiple organization and has a long-standing track record of delivering quality assurance services. Our core values use the power of their integrated perspective to collaborate not only with partners and clients but also with each other. They work across industries, geographies and technologies to make connections and provide solutions that truly transform businesses.

MISSION



Our mission is to provide accurate and reliable testing services to ensure that products meet the highest standards of quality and safety. We understand that in today's competitive market, product quality is essential for success. Therefore, we aim to help our clients achieve their goals by providing them with the information they need to improve their products. Our team of experienced professionals is dedicated to delivering fast and accurate results, while maintaining the highest standards of quality and integrity.



List of Certifications obtained



TC-11707

**National Accreditation
Board for Testing and
Calibration Laboratories**



**Bureau of Indian
Standards**

ISO:9001:2015



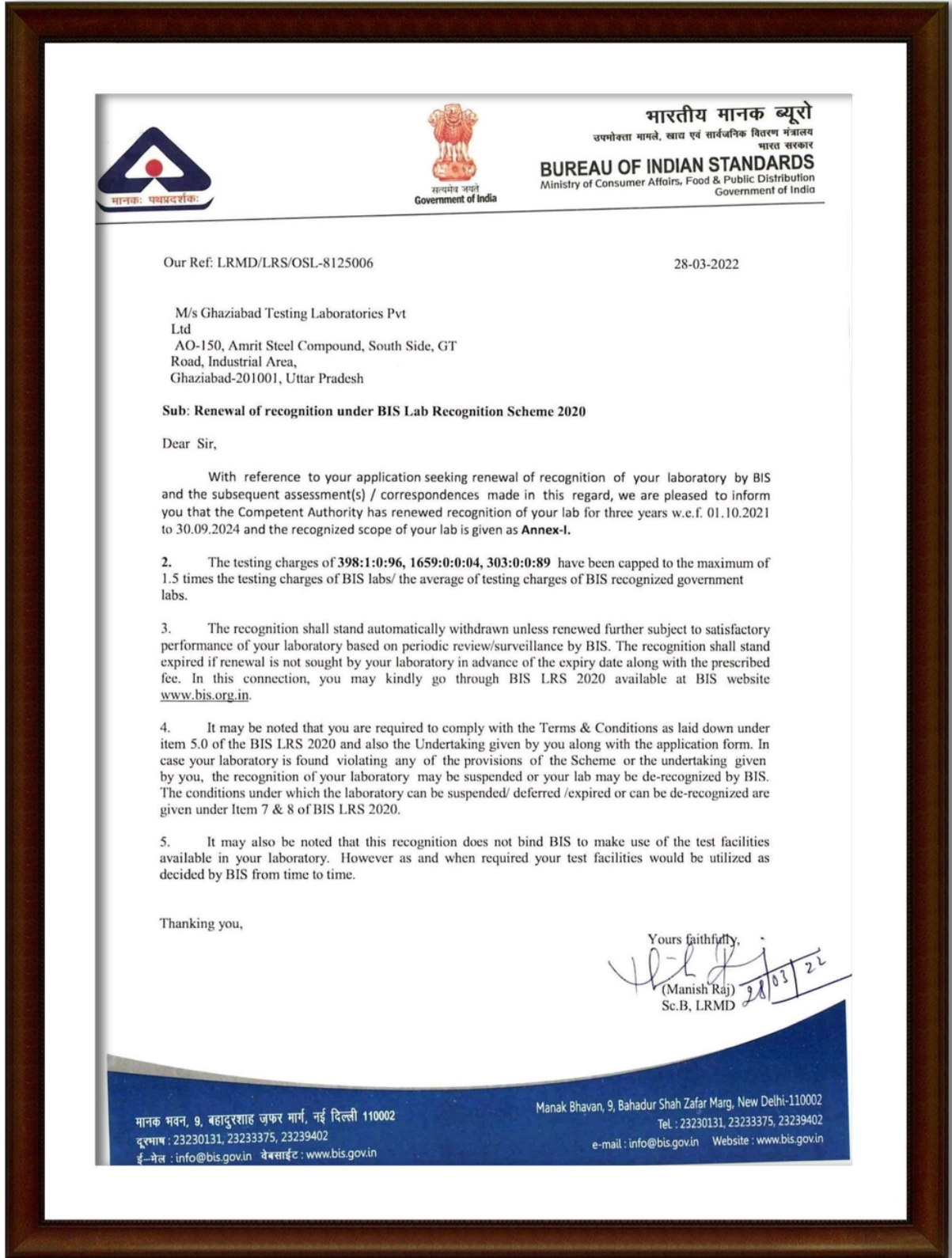
ISO:14001:2015



ISO:45001:2018



BIS Approved



NABL Accredited



Our Esteemed Clients



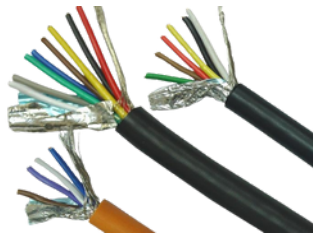
Testing Services

01 Electrical Testing

Ensure the safety and reliability of your electrical devices with our comprehensive quality control testing services. Our team of experts uses the latest technologies and techniques to thoroughly test your devices and identify any potential issues before they become problems. From concept to market-ready product, we're dedicated to helping you achieve success with confidence. Trust us to deliver the quality control testing solutions you need to bring your electrical devices to life.



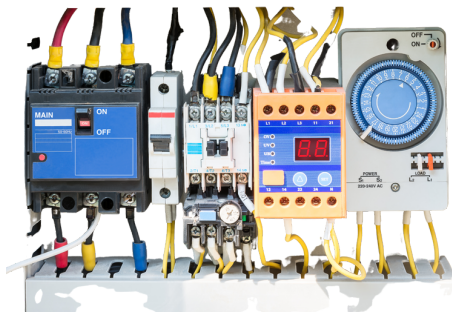
HT/LT Panels



**Cables &
Conductors**



Transformers & Reactors



Switchgears & Control Gear



Appliances



**Lightening
Arrestors**



Switches & Breakers



Insulators



**Capacitors &
More!**

List of Electrical Items Tested:

- Electrical Testing (HT/LT)
- Cables & Conductors (As Per IS, IEC, ASTM, JSS, DIN, UL, IEEE)
- Transformers & Reactors
- Accessories
- Switchgear And Control Gear
- Panels & Bus Duct
- Capacitors
- Towers & Accessories
- Lightning Arrestors
- Insulators (As Per IS, IEC, ASTM)
- Dielectrics
- Materials
- Renewable Energy Products
- Electric Appliances



Electrical Test Conducted:

Electrical Testing (HT/LT Panels)

Low Tension (LT) Line and High Tension (HT) Line refer to the voltage levels of electrical power distribution systems.

LT lines are electrical power distribution systems that operate at a voltage level of 1000 volts or less. These are typically used for lighting and other small electrical loads within buildings and homes.

HT lines, on the other hand, operate at a voltage level above 1000 volts. They are used for transmitting large amounts of electrical power over long distances, and are typically found in the power transmission and distribution networks of utility companies.

It is important to note that HT lines pose a greater danger to humans and equipment compared to LT lines, as the higher voltage levels involved can result in serious injury or damage if proper safety precautions are not taken. As a result, HT lines require more robust insulation and protective equipment, and specialized electrical testing procedures to ensure safe and reliable operation.

Cables & Conductors (As Per IS, IEC, ASTM, JSS, DIN, UL, IEEE)

- High temperature Electric Wire as per JSS-51034, JSS-51038
- Low Voltage Cables for Automobiles – JIS E 3406
- PVC Conduit as per IS: 9537 (P-1) 1980 & 9537 (P-3) 1983
- Co-Axial Cables (High Frequency) JSS-51100
- Aluminum Conductor for overhead transmission purpose as per IS: 398 (ACSR, AAC, AAAC) with latest amendment.
- PVC Insulated, PVC Sheathed & Unsheathed Cables as per IS: 694 with latest amendment.
- PVC Insulated, PVC Sheathed (Heavy Duty) Cables as per IS: 1554 (Part-1 & 2) with latest amendment.
- XPLE Insulated, PVC Sheathed (Heavy Duty) Cable as per IS: 7098 (Part-1 & 2) with latest amendment.
- Elastomer Insulated, Elastomer Sheathed Cable as per IS: 9968 (Part-1 & 2) with latest amendment.
- Aerial Bunched Cables up to & including 1100 V as per IS: 14255 with latest amendment.
- Motor Vehicle Cables as per IS: 2465 with latest amendment.
- Winding Wire for submersible Motors as per IS: 8783 with latest amendment.
- Welding Cables as per IS: 9857 with latest amendment.
- Short Firing Cables as per IS: 5950 with latest amendment.
- FR/FRLSH Cables (Fire Retardant low smoke, low halogen cables.)

Cables & Conductors (As Per IS, IEC, ASTM, JSS, DIN, UL, IEEE)

- Power Transformers
- Distribution Transformers
- Voltage Transformers
- Current Transformer
- Reactors

Accessories

- High voltage bushings
- Allied Products
- Line TRAP
- Tap Changer



Switchgear And Control Gear

- Low Voltage (LV) (Circuit Breakers- ACB, MCCB etc. Contactors & Motors Starters)
- Low Voltage (LV) (Circuit Breakers for household applications, fuses)
- Low Voltage (LV) (Residual current operator circuit breakers)
- Low Voltage (LV) (Switches, disconnectors, switch disconnectors and fuse-combination units)
- Low Voltage (LV) (Panels, switchboards, bus trunking system)
- Medium Voltage (MV) & High Voltage (HV) (Circuit Breakers, metal enclosed switchgear & control gear)
- Medium Voltage (MV) & High Voltage (HV) (Switches)
- Medium Voltage (MV) & High Voltage (HV) (Current disconnectors & earthing switch)
- Medium Voltage (MV) & High Voltage (HV) (Contactors & Motors Starters)
- Medium Voltage (MV) & High Voltage (HV) (Fuses)
- Medium Voltage (MV) & High Voltage (HV) (Spacers for Bundle Conductor, Power Connectors)
- Medium Voltage (MV) & High Voltage (HV) (Interconnecting busbar above 1000V & upto 36kV (Busducts)

Panels & Bus Duct

- Panels
- Bus Duct
- Terminal Box

Capacitors

- HV Shunt capacitors
- HV Series capacitors
- HV Series capacitors for surge protection
- LV Motor capacitors
- LV fan motor
- LV capacitors for lighting
- LV power capacitors of self-healing type
- LV shunt capacitors of non-self-healing type



Towers & Accessories

- Transmission line towers & line material
- Vibration damper
- Hardware items fasteners line material, cable lugs, cable connectors, cable clamps etc
- FRP cross arms

Lightening Arrestor Devices

Insulators (As Per IS, IEC, ASTM)

- Porcelain/Polymer Insulators
- Porcelain Insulators Strings
- Disc / Pin / Long Rod Insulators
- Post, String, Composite Insulators



Dielectrics

- Liquid (Transformer Oil)

Materials

- Coal analysis, fuel evaluation, analytical modelling & evaluation, xray testing, RLA & NDT, corrosion testing
- Characterization of fly ash, bottom ash, pond ash & solid based utilization
- Solid Insulation Materials (Electrical)
- Solid Insulation Materials (Mechanical)
- Solid Insulation Materials (Electro-chemical)
- Polymers
- Lubricating Oil



Renewable Energy Products

- Inverter & PV system components
- LED Lighting system
- Field testing of solar PV plants and street lights
- Street light controllers
- CFL, LED, Self-Ballasted lamp

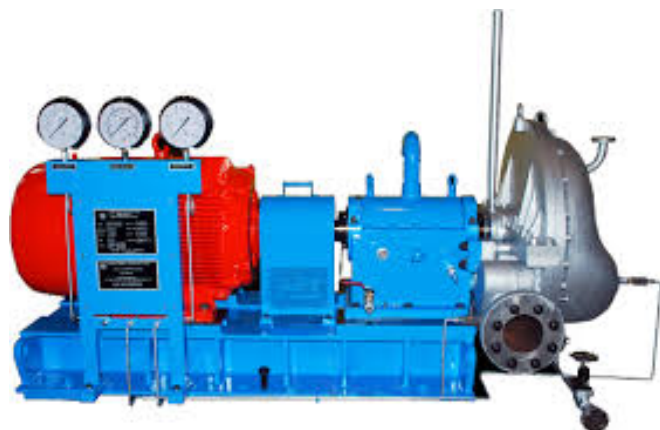
Electric Appliances

- Fan – Energy Star rating system
- Fridges and Refrigerators
- Battery Storage
- Room Air Conditioner
- Tubular Fluorescent Lamp
- Compact Fluorescent Lamps



Other Electrical Testing

- Boiler and Turbine Components (failure analysis, material composition microstructural analysis)
- Power Connectors
- Earthing Electrodes
- Calibration of Instruments
- Environmental (Automobiles, Medical, ATMs, etc)
- EMI / EMC
- Ingress protection for electrical equipment enclosures, rotating electrical equipment enclosures and luminaries for dust and water.



We deliver an extensive range of building material testing services to our clients. We analyze the quality of building materials testing on soils, rocks, aggregates, Admixture, Fly ash, Masonry, Tiles, Wood, Steel, Aluminum, Bricks concrete, bricks-blocks, steel and polymers, Cement, Concrete, Query stones, coal etc.

In today's global markets and increasing emphasis on quality, need for laboratory tested data has increased many times and top of that accuracy and reliability of data is an another concern. Our Building material civil engineers have vast experience. Our team of engineers and technicians help our clients anticipate and minimize potential issue and provide them knowledge.

Our laboratories are equipped with the latest sophisticated testing equipments.

Test Conducted:

Bricks & Stone

1. Clay Bricks (IS:1077)
 - Examination of size & general quality
 - Compressive strength of bricks
 - Water absorption
 - Efflorescence
2. Building Stone
 - Compressive strength of bricks
 - Water absorption
 - Weathering test of natural building stone
 - Soundness
3. Kota Stone (Comp. Strength) IS: 15658



Concrete

- Ratio of cement in Mortar IS: 1199
- ACC Block IS: 516 (Comp. Strength)
- Kerb Stone (Comp. Strength) IS: 5758
- Paver Block (Compressive Strength)

Cement

- OPC/PPC Fly ash Based Complete Test, IS: 8112/12669/455/1489
- OPC/PPC/Slag/White Cement, Fly ash Based Physical Test IS:8112/12669/455/1489
- 3 OPC/PPC/Slag/White Cement, Fly ash Based Chemical Test IS: 8112/12669/455/1489

Design Mix

- Design Mix IS: 456-10262 SP-23

Steel, Metals & Non-Metallic Pipe

- Aluminium Section Complete Test (IS: 733, 737)
- Aluminium Product, Anodic Coating (IS: 1285, 5523)
- Stainless Steel Sink (IS: 13989)
- Stainless Steel, Complete Test (IS: 6911)
- Stainless Steel Sink, Physical Test (IS: 6911)
- Stainless Steel Sink, Chemical Test (IS: 6911)
- TMT Steel (Physical + Chemical): IS 1786
- TMT Steel (Physical) IS: 1786
- TMT Steel (Chemical) IS: 1786
- ISMB, 1SMC, Plate, Beam (IS: 2026), Complete
- ISMB, ISMC, Plate, Beam (IS: 2026), Physical
- ISMB, ISMC, Plate, Beam (IS: 2026), Chemical
- GI Pipe as per IS: 1239 (Physical + Chemical)
- S. Pipe Complete Test, IS: 1161
- Bolt Screw & Stud (IS: 1367,1364, 6649)
- Chequered Plate (IS: 3502)
- Aluminium Section Complete Test (IS: 733, 737)
- Aluminium Product, Anodic Coating (IS: 1285, 5523)
- Stainless Steel Sink (IS: 13989)
- Stainless Steel, Complete Test (IS: 6911)
- Stainless Steel Sink, Physical Test (IS: 6911)
- Stainless Steel Sink, Chemical Test (IS: 6911)
- Flexible Conduits Testing as IEC-61386

Tiles & Marbles

- Ceramic Glazed Tiles as per IS: 15622
- Chequered/Terrazzo Tiles IS: 13801/1237
- Vitrified Tiles as per IS: 15622

Soil (Is: 2720)

- MDD & OMC
- Plasticity Index
- Liquid Limit
- Plastic Limit
- Grain Size Analysis



Sand/Aggregate (Is: 383/CPWD)

- Grading/Flakiness Index/Elongation Index, Impact Value/Water Absorption/Specific Gravity, Silt Content, Bulking
- Crushing Strength/10% fine Value/Abrasion Value/Organics Impurities
- Sulphate, Chloride, Stripping Value
- Complete Test

Water

- Construction water IS: 456

Non-Destructive Testing

- Rebound Hammer Test, IS: 13311(P-2)
- Ultrasonic Pulse Velocity Test, IS: 13311 (P-1)
- Concrete Core Cutting (up to 100mm diameter & 100mm depth)
- Concrete Core Testing (Compressive Strength)

Wood

- Flush Door CPWD Spec. (Physical + Chemical)
- Ply Wood IS: 303-1989
- Pre laminated particle board (IS: 12823)
- Gypsum Board, IS: 2095
- Veneered Particle Board (IS: 3097)
- Block Board (IS: 1659)

Looking to ensure your road materials are of the best quality? Look no further than our quality control testing services! We can ensure that your materials meet all the necessary requirements for a successful road project. Whether you're building a new road or repairing an old one, our quality control testing services are essential for a smooth and successful outcome. Trust us to take care of everything.

Ghaziabad Testing Laboratories offers the high quality testing services for a wide range of road materials. Road materials testing services includes bitumen, pavement constituents and others. Aggregate, Bitumen, Job Mix Formula, Concrete Design Mix, Core Cutting etc.



Test Conducted:

- Job Mix Formula: DBC/ SDBC/ WMM/ GSB
- Concrete Design Mix: Grade M-10 to M-60
- Soil, Lime, Lime Stone, Bentonite
- GSB / WMM: As per MORTH
- Core Cutting
- Aggregate: Coarse Aggregate/Fine Aggregate/Stone Dust, Sand
- Bitumen: Bituminous, Asphalt, WMM, GSB, BC, SDBC etc. (as per Month)
- And More!

Our state-of-the-art leather and textile testing laboratory offers the industry's best testing solutions to ensure that your materials meet the highest standards of quality and safety. With cutting-edge technology and expert technicians, we provide a wide range of tests including physical, chemical, and mechanical tests to evaluate the properties and performance of your leather and textile products. Our goal is to provide you with reliable, accurate and timely results that will help you make informed decisions and improve the quality of your products. Trust us to provide you with the best leather and textile testing services in the industry.



Textiles Test Conducted:

- **Tensile/Breaking Load Test:** The maximum force required to break a fabric, measured in Newton. Testing Method: IS 1969-2009.
- **Elongation Test:** The increase in length of a stretched fabric compared to its initial length, expressed as a percentage. Testing Method: IS 1969-2009.
- **Tear Resistance Test:** The force required to tear a fabric specimen, measured in Newton. Testing Method: IS 6489-1993.
- **Bursting Strength Test:** The maximum fluid pressure applied to a circular specimen before it ruptures. Testing Method: IS 1966-1975.
- **Mass per Unit Area/Density Test:** The mass of one square meter of fabric, measured in grams. Testing Method: IS 1964-2001.
- **Threads Count Test:** The number of threads per unit length of fabric. Testing Method: IS 1963-1981.
- **Dimensional Change of Fabric Test:** The change in dimensions of fabric or garments after soaking in water, expressed as a percentage of the original dimension. Testing Method: IS 1313-1984.

- **Dimensional Change of Fabric Test (other than wool):** The change in dimensions of woven or knitted fabrics after soaking in water without agitation. Testing Method: IS 2977-1989.
- **Linear Density Test:** The density of cotton yarn expressed as the number of 768.1m hanks per 453.6 gm (Cotton Count System) or the mass in grams of 1 km of yarn (Tex System). Testing Method: IS 1315-1977.
- **Colour Fastness Test:** The resistance of colour change in a treated fabric compared to the original. Types of Colour Fastness:
 - **Colour Fastness to Daylight:** Tested by exposing the fabric to daylight and comparing the change in colour to a standard pattern. Testing Method: IS 686-1985 & IS 2454-1967.
 - **Colour Fastness to Washing:** Tested by mechanically agitating a specimen with soap or soap & soda solution and comparing the change in colour to the original fabric with a greyscale. Testing Method: IS/ISO 105-C10:2006.
 - **Colour Fastness to Organic Solvent:** Tested by agitating a specimen in an organic solvent and comparing the change in colour to the original fabric with a greyscale. Testing Method: IS 688-1988.
 - **Colour Fastness to Perspiration:** Tested by exposing the specimen to two different solutions containing histidine and comparing the change in colour to the original fabric with a greyscale. Testing Method: IS 971-1983.
 - **Colour Fastness to Bleaching:** Tested by agitating the specimen in Sodium Hypochlorite and Hydrogen peroxide solution and comparing the change in colour to the original fabric with a greyscale. Testing Method: IS 762-1988.
- **Identification of Fibres:** The process of determining the type of fibres in a textile artefact. Testing Method: IS 667-1981.
- **Blend Fibre Composition:** The determination of different fibres in a sample. Testing Method: IS 1564-1988, IS 1889-1976, IS 2005-198, IS 2006-1988, IS 3416-1999, IS 3421-1988, IS 6503-1988, IS 6504-1988, IS 9896-1981.
- **Chloride and Sulphate Test:** In textile industries, during various treatments, textiles may gather or be added with water-soluble salts such as sizing or finish materials. Excessive amounts of these substances may have harmful effects on the fibres. Test methods: IS 4202 – 1967 for Chloride and IS 4203 – 1967 for Sulphate.
- **Fatty Matter Content Test:** The sample is extracted with a solvent and the residue is expressed as fatty matter. Test method: IS 199 – 1989.
- **Moisture Content Test:** The sample of textile (in the form of yarn, fiber, or fabric) is dried at 105°C and the loss in weight is expressed as the moisture content.

- **Ash Content Test:** The dried textile sample is ignited under specific conditions and the residue left is expressed as the ash content.
- **Iron & Chromium Test:** Iron and Chromium are commonly found in mineral khaki-dyed textiles, used for making uniforms, etc. Test method: IS 4655 – 1968.
- **Solvent Soluble Matter Test:** The textile material is extracted with a solvent (ethyl ether or benzene methanol mixture) and the residue is expressed as a percentage of the textile weight. Test method: IS:4390 – 2001.
- **pH Value of Water Extract Test:** The pH of the textile's aqueous extract indicates its processing history and can indicate its acidity/alkalinity. Test method: IS 1390 – 1983.
- **Scouring Loss Test:** Cotton textiles undergo treatments that may add extraneous matter to the original material. Scouring removes these impurities. Test method: IS 1383 – 1977.
- **Carboxylic Acid Group Test in Cellulosic Textile Material:** Cellulose textiles may come into contact with oxidizing agents during chemical processing, resulting in the formation of oxy cellulose of acidic character. Test method: IS 1560 – 1974.
- **Barium Activity Number Test:** The ratio of barium hydroxide absorbed by mercerized cotton vs. mercerized cotton, multiplied by 100. Test method: IS 1689 – 1973.
- **Formaldehyde Test in Textiles:** Some textiles finishes may release formaldehyde, which can be reduced by washing the garment. Test method: IS 14563 – 1999.

Leather & Footwear Test Conducted:

- **Leather Safety Boots and Shoes for Minors**, IS: 1989 (P 1):1986: 2021, Testing All Physical & Chemical Parameters
- **Leather Safety Boots and Shoes for Heavy Metal Industries**, IS 1989 (P2):1986, Testing All Physical & Chemical Parameters
- **Canvas Shoes Rubber Sole**, IS 3735:1996, Testing All Physical & Chemical Parameters
- **Canvas Shoes Rubber Sole**, IS 3736:1995, Testing All Physical & Chemical Parameters
- **Protective Rubber Canvas Boots for Minors**, IS 3976:2003, Testing All Physical & Chemical Parameters
- **Industrial and Protective Rubber Knee and Ankle Boots**, IS 5557:2004, Testing All Physical & Chemical Parameters

- **Rubber Gum Boots and Ankle Boots**, IS 5557 (P-2):2018, Testing All Physical & Chemical Parameters
- **Moulded Solid Rubber Sole and Heel**, IS 5676:1995, Testing All Physical & Chemical Parameters
- **Rubber Microcellular Sheets for Soles**, IS 6664:1992, Testing All Physical & Chemical Parameters
- **Solid PVC Soles and Heels**, IS 6719:1972, Testing All Physical & Chemical Parameters
- **PVC Sandals**, IS 6721:1972, Testing All Physical & Chemical Parameters
- **Rubber Hawaii Chappal**, IS 10702:1992, Testing All Physical & Chemical Parameters
- **Leather Safety Footwear Having Direct Moulded Rubber Sole**, IS 11226:1993, Testing All Physical & Chemical Parameters
- **Slipper Rubber**, IS 11544:1993, Testing All Physical & Chemical Parameters
- **PVC Industrial Boots**, IS 12254:993, Testing All Physical & Chemical Parameters
- **Polyurethane Sole Semi Rigid**, IS 13893:1994, Testing All Physical & Chemical Parameters
- **Unlined Moulded Rubber Boots**, IS:13995: 1995, Testing All Physical & Chemical Parameters
- **Leather Safety Footwear with Direct Moulded PVC Sole**, IS:14544:1998, Testing All Physical & Chemical Parameters
- **Personnel Protective Equipment Safety**, IS 15298 (P-2): 2016, Testing All Physical & Chemical Parameters
- **Footwear Personnel Protective Equipment Protective Footwear**, IS 15298 (P-3): 2018, Testing All Physical & Chemical Parameters
- **Personnel Protective Equipment Occupational Footwear**, IS 15298 (P-4): 2017, Testing All Physical & Chemical Parameters
- **Sports Footwear**, IS 15844:2010, Testing All Physical & Chemical Parameters
- **Footwear For Men & Women for Municipal Scavenging Work**, IS 16994:2018, Testing All Physical & Chemical Parameters
- **High Ankle Tactcal Boots with PU Rubber Sole**, IS 17012:2018, Testing All Physical & Chemical Parameters
- **Antiriot Shoes**, IS 17037:2018, Testing All Physical & Chemical Parameters
- **Derby Shoes**, IS 17043:2018, Testing All Physical & Chemical Parameters

05 Water Testing

Look no further! Our experts can help you analyze your water and take the appropriate steps to ensure its quality. Trust the experts when it comes to water quality control testing services. We have over 20 years of experience helping businesses monitor and maintain their water quality.

Water quality is essential for human and environmental health. In order to maintain proper water quality, it's important to regularly test the water parameters. However, if you're not properly equipped to conduct water quality tests, you may not get accurate results. But don't worry, We are here to help you. Contact us today to learn more about your testing needs.



Water Test Conducted:

- Drinking water (WHO, EPA and IS:10500-2012)
- Packaged Drinking water (IS:14543-2004)
- Natural mineral water (IS:13428-2005)
- Swimming pool water (IS:3328-1993)
- Water for construction work (IS:4251-1967)
- Inland surface water (IS:2296-1982)
- Reagent Grade water (IS:1070-1993)
- Boiler water, feed water, condensate for high pressure boilers (IS:10496-1983)
- Microbiological Testing of Water
- And More!

Physical & Chemical Analysis

Drinking / Potable Water

Colour	IS 3025(Part-4) (Clause-2) / APHA
Turbidity	IS 3025(Part-10) / APHA
pH Value	IS 3025(Part-11) / APHA
Total Hardness	IS 3025(Part-21) Clause 5 / APHA
Iron (Fe)	IS 3025(Part-53) Clause-6&7 / APHA
Chloride (Cl)	IS 3025(Part-32) Clause -2 / APHA
Sulphate (SO ₄ /SO ₃)	IS 3025(Part-24) Clause-4 / APHA
Total Dissolved Solids	IS 3025(Part-16) / APHA
Alkalinity	IS 3025(Part-23) / APHA
Fluoride	IS 3025(Part-60) / APHA
Copper (Cu)	IS 3025(Part-42), Clause 6 / APHA
Mercury (Hg)	IS 3025(Part-48), Clause 5 / APHA
Cadmium (Cd)	IS 3025(Part-41) Clause 5 / APHA
Arsenic (As)	IS 3025(Part 37) Clause – 2&3 / APHA
Chromium (Cr)	IS 3025(Part-52) Clause -7 / APHA
Lead (Pb)	IS 3025(Part-47) Clause-7 / APHA
Silver (Ag)	IS 13428, Annexure –J / APHA

Waste Water

Colour	IS 3025(Part-4), Clause 2 / APHA
Turbidity	IS 3025(Part-10) / APHA
pH Value	IS 3025(Part-11) / APHA
Total hardness	IS 3025(Part 21) Clause -5 / APHA
Iron	IS 3025(Part-53) Clause – 6&7 / APHA
Copper (Cu)	IS 3025(Part-42), Clause 6 / APHA
Mercury (Hg)	IS 3025(Part-48), Clause 5 / APHA
Cadmium (Cd)	IS 3025(Part-41) Clause 5 / APHA
Arsenic (As)	IS 3025(Part 37) Clause – 2&3 / APHA
Chromium (Cr)	IS 3025(Part-52), Clause 7 / APHA
Lead (Pb)	IS 3025(Part-47), Clause 7 / APHA
Silver (Ag)	IS 13428 Annexure J / APHA

Construction Water

Neutralization Value (NaOH/H ₂ SO ₄)	IS 3025(Part-22&23)
Sulphate (SO ₄ /SO ₃)	IS 3025(Part-24)
Organic	IS 3025(Part-18)
Inorganic	IS 3025(Part 18)
Suspended Solids	IS 3025(Part-17)
Total Solids	IS 3025(Part-16)
pH Value	IS 3025(Part-11)
Chloride	IS 3025(Part-32), Clause 2

Microbiological Parameters in Water

- Total Coliform IS 1622: 1981, Clause 3.3 Amd.1-4:
- E. coli IS 1622: 1981, Clause 3.3 Amd.1-4:
- Standard Plate Count IS 1622: 1981: clause 3.2 Amd.1-4:
- Detection of Yeast & Mould IS 5403: 1999
- Detection of E. coli IS 15185:2016
- Detection of Coliform IS 15185:2016
- Detection of Faecal streptococcus IS 15186: 2002
- Detection of Staphylococcus aureus IS 5887 (Part- II): 1976
- Detection of Sulphite reducing anaerobes IS 13428:2005 (Annex C)
- Detection of Pseudomonas aeruginosa IS 13428:2005 (Annex D)
- Detection of Salmonella spp. IS 5887 (Part-3) Sec.1: 2020: Amd. 1
- Detection of Shigella spp. IS 5887 (Part- 7): 1999 (RA 2018)
- Detection of Vibrio cholerae IS 5887 (Part- V): 1976 (RA 2018)
- Detection of Vibrio parahaemolyticus IS 5887 (Part- V): 1976
- Total bacterial Count IS 5402:2012:
- Proteolytic and lipolytic organism IS 4251: 1967 Amd. 1-2:
- Thermophilic bacteria count IS 4251:1967 (Appendix B): Amd. 1-2:
- Slime Forming Bacteria (microscopic) IS 1622: 1981: clause 3.10 Amd.1-4



Quality control testing of food is a crucial step in the food industry to ensure that the products being offered to consumers are safe, nutritious, and of high quality. The primary objective of quality control testing is to identify any potential contaminants, defects, or deviations in the food products and to take appropriate action to address these issues before they reach the consumers.



Food Testing Conducted:

Chemical Testing in Food Products

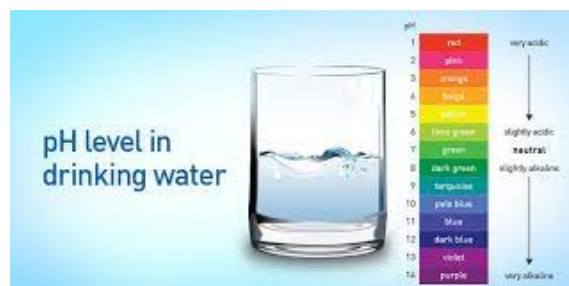
- **Pesticide Residue Testing:** This type of testing is used to check the presence of pesticide residues in food products. Pesticides can be harmful to human health and therefore, it is important to detect and eliminate any residual pesticide levels in food.
- **Heavy Metal Testing:** Heavy metals, such as lead and mercury, can be present in food due to environmental pollution or contamination during processing. Heavy metal testing is used to detect and measure the levels of these contaminants in food products.
- **Nutrient Analysis:** Nutrient analysis is used to determine the levels of essential nutrients in food products, such as proteins, carbohydrates, fats, vitamins, and minerals. This type of testing is important to ensure that the food products meet the required standards for nutrient content.
- **Mycotoxin Testing:** Mycotoxins are toxic compounds produced by moulds and can contaminate food products. Mycotoxin testing is used to detect the presence of these contaminants in food products and ensure that they are within safe levels for human consumption.

- **Aflatoxin Testing:** Aflatoxins are toxic compounds produced by certain moulds and can contaminate food products such as peanuts, corn, and tree nuts. Aflatoxin testing is used to detect the presence of these contaminants in food products and ensure that they are within safe levels for human consumption.
- **Melamine Testing:** Melamine is a chemical used in the production of plastic products and can contaminate food products, particularly dairy products. Melamine testing is used to detect the presence of this contaminant in food products and ensure that it is within safe levels for human consumption.
- **Food Additive Testing:** Food additives are substances added to food to enhance their flavour, texture, appearance, or shelf-life. Food additive testing is used to detect the presence of these additives in food products and ensure that they are within safe levels for human consumption.
- **Crop Contaminants Testing:** Food safety is of utmost importance, and crop contaminant testing plays a crucial role in ensuring it. Crop contaminants are any substances that are not intentionally added to food, but may get into it during production, manufacture, processing, preparation, packaging, transportation or holding due to environmental contamination. This can include metal contaminants, toxic residues, insecticides, pesticides and more. The crop contaminant test helps identify potential threats in food commodities.
- **Natural Toxin Testing:** In food production, naturally occurring toxins can accumulate in food products. These toxins may include agaric acid, hydrocyanic acid, hypericin, and Safrole. The natural toxin test helps quantify these substances in food to ensure food safety.
- **Sudan Dye Testing:** Sudan dyes I, II, III, and IV are industrial dyes used in plastics and synthetic materials. However, they are not included in the positive list of authorized food colours, making their presence in food a violation of food safety regulations. Sudan dyes are carcinogenic and have a potential genotoxicity risk. The Sudan dye test helps detect food adulteration with these dyes and protects public health.
- **Overall Migration Testing:** Overall migration testing is conducted to monitor any change in the composition of food caused by contact with materials like aqueous or fatty stimulants. This test helps determine the overall migration limit (OML) and stability of food towards filling. Specific migration tests are also performed to check migration limits.
- **Nicotine Testing:** Nicotine is a highly addictive and toxic substance that can be found in cigarettes, vegetables, beverages, and more. To ensure food safety, nicotine tests are conducted to detect its presence in food products.

- **Tobacco Nicotine Testing:** Nicotine, the primary component of the *Nicotiana Tabacum* plant, is dangerous if ingested. Symptoms of nicotine poisoning can include vomiting, diarrhoea, abdominal cramping, confusion, and convulsions. Mass spectroscopy methods are used to detect nicotine and its metabolite cotinine in tobacco samples.
- **Steroid Identification Testing:** Steroids are a group of compounds found in all animals and are used in medical treatments for various conditions. However, they can also have undesirable side effects. Steroid identification tests help determine the permissible levels of specific steroids in consumables.

Physical Testing in Food Products

- **Appearance:** The visual examination of food includes its colour, texture, and shape. This can help to identify any visual defects or changes in the food that might indicate spoilage or contamination.
- **Texture:** The texture of food can be measured using instruments such as a texture analyser, which can determine the hardness, cohesiveness, and springiness of a food product.
- **Density:** Density is a measure of the mass of a food product per unit volume. It can be measured using instruments such as a density meter or by using a combination of weight and volume measurements.
- **Moisture Content:** Moisture content is an important parameter in the preservation and storage of food. It can be determined by using methods such as oven drying, microwave drying, or vacuum drying.
- **pH:** The pH of food is a measure of its acidity or basicity. A pH meter can be used to measure the pH of food, which can be an indicator of spoilage or the growth of harmful bacteria.
- **Aw (Water Activity):** Water activity is a measure of the availability of water in a food product and is a predictor of its shelf life. It can be measured using a water activity meter.
- **Viscosity:** Viscosity is a measure of the resistance of a food to flow. It can be measured using a viscometer, which can determine the viscosity of a food product under varying temperature and shear conditions.



Microbiological Testing in Food Products

- Total plate count IS 5402: 2012
- Yeast and mould count S 5403: 1999 (RA 2018)
- Enumeration of Escherichia coli IS 5887 (Part- I): 1976 (RA 2018)
- Detection of Escherichia coli IS 5887 (Part- I): 1976 (RA 2018)
- Enumeration of Coliform IS 5401 (Part- 1):2012 (RA 2018)
- Detection of Coliform IS 5401 part-1:2012
- Detection of Staphylococcus aureus IS 5887 (Part- 2): 1976(RA 2018)
- Enumeration of Coagulase positive Staphylococcus aureus IS 5887 (Part- 8/Sec-1): 2002 (RA 2018)
- Detection of Listeria monocytogenes IS: 14988 (Part- 1): 2001(RA 2012)
- Detection of Salmonella IS 5887(Part- 3): 1999 (RA 2018)
- Detection of Clostridium Perferingens IS 5887 (Part- 4): 1999
- Detection of Shigella IS 5887 (Part- 7): 1999 (RA 2018)
- Enumeration of Bacillus cereus IS 5887 (Part- 6): 2012
- Enumeration of Sulphite reducing clostridia ISO 15213:2003
- Detection of Faecal streptococci IS 5887 (Part- 2): 1976 (RA 2018)
- Enumeration of Enterobacteriaceae IS 17112 part-2:2019
- Detection of Vibrio cholerae and Vibrio parahaemolyticus IS 5887 (Part- 5): 1976 (RA 2018)
- Commercial Sterility IS: 4884: 1968 Appendix A (RA 2014)
- Commercial Sterility IS 4238 :1967 Appendix-E RA2014



Soil testing is performed to determine the physical and chemical properties of soil. The main purpose of soil testing is to determine the suitability of soil for construction, agriculture, and other uses. Soil tests measure various characteristics such as soil composition, pH, moisture content, compaction, and strength. The results of soil tests are used to make decisions about site preparation, foundation design, and other aspects of construction and land use.



Test Conducted:

Soil Physical Testing

- **Particle size distribution:** This measurement determines the proportion of different size particles present in the soil, including sand, silt, and clay.
- **Moisture content:** This measurement determines the amount of water present in the soil, which affects the soil's strength and compressibility.
- **Dry density:** This measurement determines the density of the soil when it is dry, which is an indicator of the soil's compaction and strength.
- **Atterberg Limits:** These measurements determine the consistency of the soil, including its plasticity and shrink-swell properties.
- **Permeability:** This measurement determines the ability of the soil to allow water to pass through it, which affects the soil's suitability for construction and other uses.
- **Shear strength:** This measurement determines the maximum force that the soil can withstand before it fails in shear, which is important for evaluating slope stability and other factors.

Soil / Agricultural Soil Chemical Testing

- **pH:** This measurement determines the acidity or alkalinity of the soil, which affects the growth of plants and other organisms.
- **Cation Exchange Capacity (CEC):** This measurement determines the soil's ability to hold and exchange positively charged ions, such as calcium, magnesium, and potassium.
- **Total Nitrogen (TN):** This measurement determines the amount of nitrogen present in the soil, which is an important nutrient for plants.
- **Organic Matter (OM):** This measurement determines the amount of organic matter present in the soil, which affects the soil's fertility and structure.
- **Available Phosphorus (P):** This measurement determines the amount of phosphorus available in the soil, which is another important nutrient for plants.
- **Electrical Conductivity (EC):** This measurement determines the ability of the soil to conduct electricity, which is an indicator of the soil's salinity and fertility.
- **Pesticide Analysis:** Detection of harmful pesticide's traces.

Soil Microbiological Testing

- **Total Coliforms:** APHA 23rd Edition 2017- 9221 B or IS 1622: 1981, Clause 3.3 Amd.1-4: (RA 2019)
- **Escherichia coli:** APHA 23rd Edition 2017- 9221 F or IS 1622: 1981, Clause 3.3 Amd.1-4: (RA 2019)
- **Thermotolerant (Faecal coliform):** APHA 23rd Edition 2017- 9221 E or IS 1622: 1981, Clause 3.3 Amd.1-4: (RA 2019)
- **Total bacterial Count:** IS 5402:2012: (RA 2018)
- **Detection of Salmonella spp.:** IS 5887 (Part-3) Sec.1: 2020: Amd. 1
- **Detection of Shigella spp.:** IS 5887 (Part- 7): 1999 (RA 2018)
- **Detection of Staphylococcus aureus:** IS 5887 (Part- II): 1976 (RA 2018)

Soil Geotechnical Testing & Analysis



The pharmaceutical industry is responsible for producing medications that are used to treat various illnesses and medical conditions. Quality control testing of pharmaceuticals is an essential step to ensure the safety and efficacy of these products before they reach the market. These tests are carried out to verify the quality, purity, and potency of the ingredients used, to detect contaminants and impurities, and to ensure that the products meet regulatory standards. The testing process includes a combination of physical, chemical, and microbiological tests that are conducted at various stages of the production process. By conducting these tests, manufacturers can guarantee that the products they produce are safe and effective, thereby ensuring public health and confidence in the pharmaceutical industry.



List Of Pharmaceutical Products Tested

Pharmaceutical Raw Materials:

- **Active pharmaceutical ingredients (APIs):** the biologically active components in drugs that provide therapeutic benefits.
- **Excipients:** inactive ingredients in drugs that are added to help formulate and deliver the drug to the patient, such as binders, fillers, and lubricants.
- **Solvents:** substances used to dissolve drugs and other raw materials in the manufacturing process.
- **Capsules and shells:** materials used to enclose the drug or supplement, such as gelatine, starch, and cellulose.
- **Coatings:** materials used to coat pills or tablets to mask their taste or control their release rate, such as shellac, sugar, and polymers.

Pharmaceutical Finished Products:

- **Tablets:** solid dosage forms that are compressed into small, flat, round or oval shapes and can be swallowed by the patient.
- **Capsules:** solid dosage forms that are enclosed in a shell or casing and can be swallowed by the patient.
- **Injectables:** liquid dosage forms that are administered by injection into the patient's body.
- **Topical creams and ointments:** semi-solid dosage forms that are applied to the skin for localized treatment.
- **Inhalers:** devices that deliver medication to the lungs through inhalation.
- **Syrups and suspensions:** liquid dosage forms that are administered orally and are used for children or patients who have difficulty swallowing pills.
- **Suppositories:** solid dosage forms that are inserted into the rectum or vagina for localized treatment or systemic absorption.
- **Transdermal patches:** adhesive patches that deliver medication through the skin and into the bloodstream.
- **Eye drops and ear drops:** liquid dosage forms that are administered topically for treatment of eye or ear conditions.
- **Vaccines:** biological products that stimulate the immune system to prevent or treat infectious diseases.

Pharmaceutical Test Conducted:

- **Identification Testing:** This involves verifying the identity of raw materials and finished products using methods such as microscopy, chromatography, and spectrometry.
- **Purity Testing:** This involves determining the presence of any impurities in the drug substance or product. The impurities can include residual solvents, heavy metals, and other contaminants.
- **Potency Testing:** This involves determining the potency or strength of the drug substance or product, which is critical to ensuring therapeutic efficacy.
- **Dissolution Testing:** This involves evaluating the rate and extent of drug release from the dosage form into a solvent, which is an indicator of the product's quality and performance.
- **Stability Testing:** This involves evaluating the product's physical, chemical, and microbiological stability under specified storage conditions.

- **Functionality Testing:** This involves evaluating the product's physical, chemical, and performance characteristics, such as appearance, weight, hardness, and dissolution rate.
- **Microbial Testing:** This involves evaluating the presence of harmful microorganisms in the drug substance or product, which can cause spoilage or illness.
- **Strength testing:** This test measures the amount of active ingredients presents in the product and ensures that it meets the specifications outlined in the product label.
- **Physical testing:** This test measures the physical properties of the product, such as its appearance, colour, texture, and other sensory characteristics.
- **Chemical testing:** This test measures the chemical composition of the product and ensures that it meets the required specifications.
- **Dissolution testing:** This test measures the rate and extent at which a product dissolves in a solvent, which is important for oral dosage forms.
- **Uniformity of dose testing:** This test measures the uniformity of the active ingredient in a batch of product and ensures that each dose contains the same amount of active ingredient.



We offer a comprehensive range of environmental testing services, including water testing, air testing, soil testing, hazardous waste testing, and environmental compliance testing. Our team of experienced professionals uses state-of-the-art equipment and analytical methods to provide the highest quality results.

So, whether you need testing for compliance purposes, environmental impact assessments, or simply to ensure the safety of your operations, our team is here to help. Explore our environmental testing service page to learn more about our services and how we can help you meet your environmental testing needs.



Environmental Test Conducted:

Physical parameter of water quality testing

- pH
- Temperature
- Electrical conductivity
- TDS
- DO
- Salinity



Chemical Parameter of water quality testing

- Determination of acidity
- Determination of alkalinity
- Estimation of the hardness
- Determination of the dissolved oxygen
- Determination Procedure of wastewater quality parameter
- Determination of total, suspended, dissolved solids
- Estimation of Nitrates Nitrogen
- Determination of Biochemical oxygen demand
- Determination of Chemical oxygen demand
- Determination of Total phosphates
- Determination of Sulphates

Microbiological Parameter of water & Soil quality testing

- Determination of acidity
- Determination of alkalinity
- Estimation of the hardness
- Determination of the dissolved oxygen
- Determination Procedure of wastewater quality parameter
- Determination of total, suspended, dissolved solids
- Estimation of Nitrates Nitrogen
- Determination of Biochemical oxygen demand
- Determination of Chemical oxygen demand
- Determination of Total phosphates
- Determination of Sulphates

Chemical Parameter of water quality testing

- Coliform
- coli
- Faecal Coliforms
- Salmonella
- Aureus

Waste Water:

- pH
- Total Suspended Solids (TSS)
- BOD
- COD
- Oil and Grease



Drinking water

- pH
- Total Dissolved Solids (TDS)
- Odour
- Colour
- Taste
- Total Hardness
- Calcium
- Magnesium
- Chloride
- Sulphate



Ambient Air Quality (AAQ)

- PM 10
- PM 2.5
- SO₂
- NO₂
- Ammonia
- Ozone
- Benzo Pyrine
- Xylene, Benzene, Toluene

Stack Emission

- PM
- SO₂
- NO_x
- Hydrocarbons



List of Major Instruments



HPLC



GCMS-MS



LCMS



Tensile Tester



Slippage Tester



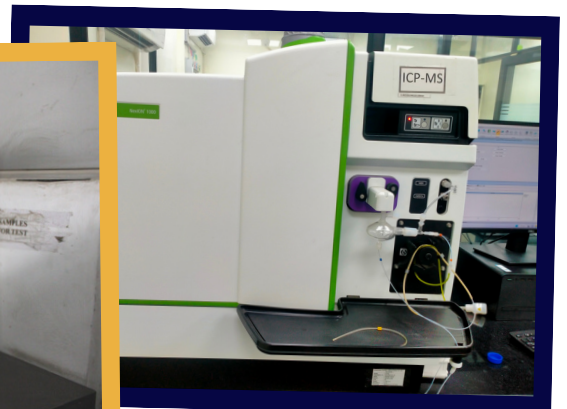
GC-HS



**Thermal Conductivity
Tester**



Multi-test Panel



ICP-MS



Accelerated Ageing Tester



Hydrostatic pressure Tester



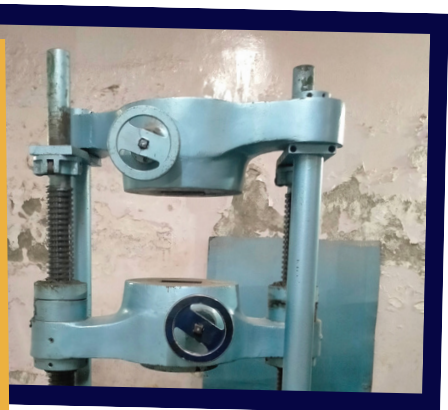
UTM



Four Cell Ageing Oven



Compression Tester



UTM



Cable Slicing Machine



Hot Set Oven

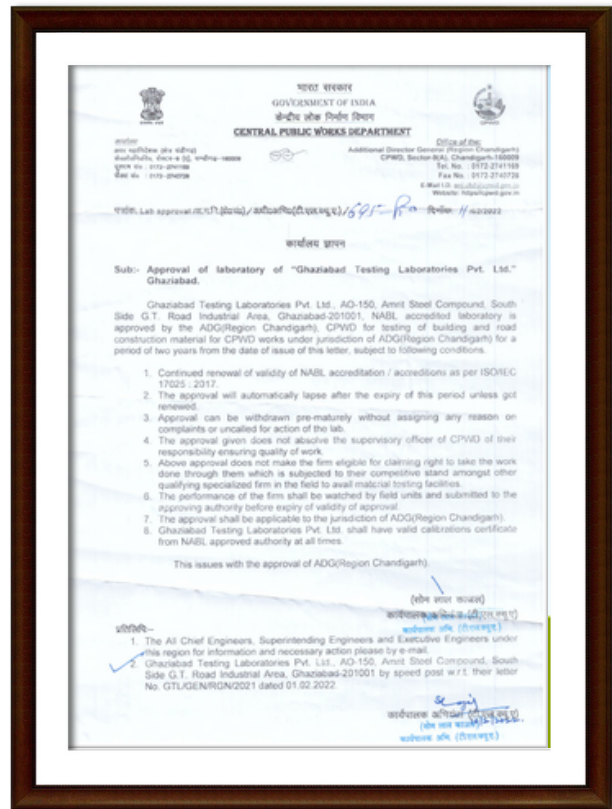
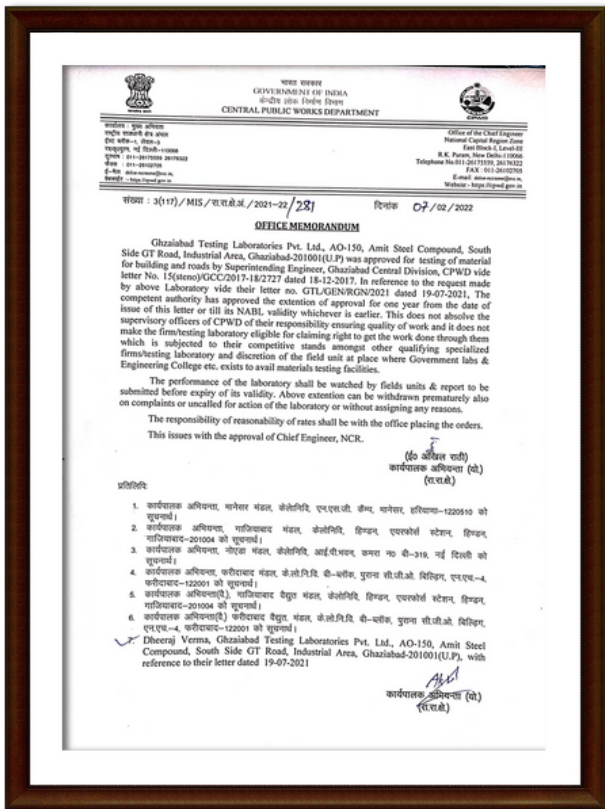
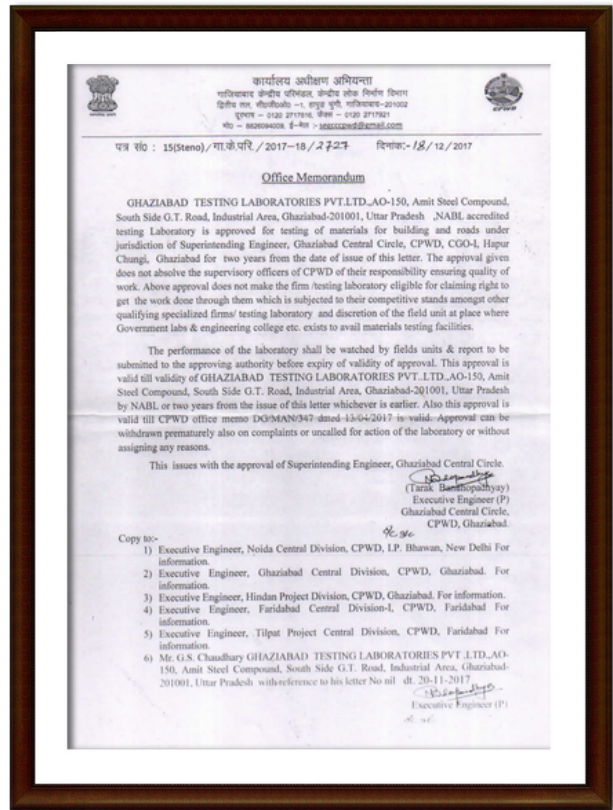
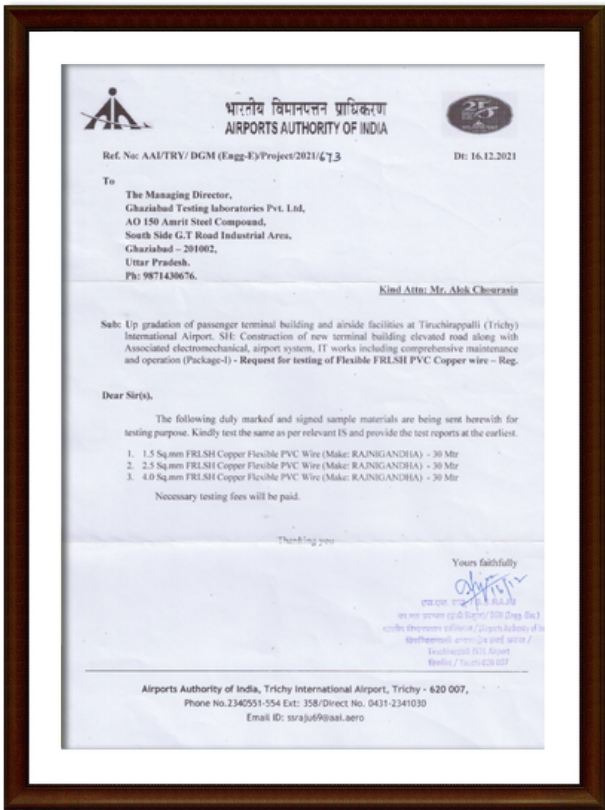


Voltage Drop Tester

List of Instrument & Equipments

S.N.	Equipment Name	S.N.	Equipment Name
1	LC-MS	45	Ageing Oven
2	GC-MSMS	46	Bend Tester
3	ICP-MS	47	Smoke Density Test Apparatus
4	FTIR	48	Flammability Test Apparatus
5	GC-HS	49	Vibration Machine
6	AAS	50	Aggregate Impact Machine
7	Ion Chromatography	51	Specific Gravity Machine
8	Bio Safety Cabinet	52	Liquid Limit Apparatus
9	Laminar Air Flow	53	Softening Point Apparatus
10	BOD Incubator	54	TTM
11	Autoclave	55	CTM
12	Bacteriological Incubator	56	MOR
13	COD Digester	57	Hydrostatic Panel
14	Soxhlet Apparatus	58	Benzene Sampler
15	Protein Assembly	59	Flue Gas Analyzer
16	Bomb Calorimeter	60	Los Angeles Test Apparatus
17	UV Spectrometer	61	Curing Tank
18	Nitrogen Evaporator	62	Blaine Air Permeability Test Apparatus
19	Sonicator	63	Vicat Test Apparatus
20	Weigh Balance	64	Last o meter
21	Spectro for Metal	65	IRHD Hardness Tester
22	Centrifuge	66	Tear Strength Tester
23	Vacuum Oven	67	Leak Proof Tester
24	pH Meter	68	Spray Rating Tester
25	Conductivity Meter	69	Cold Insulation Tester
26	Turbidity Meter	70	Bursting Strength Tester
27	Respirable Dust Sampler	71	Electric Resistance Tester
28	Fine Particulate Matter	72	Digital Crock Meter
29	Sound Level Meter	73	Slip Resistance Tester
30	Stack Monitoring Kit	74	Mid Sole Flexing Tester
31	Strohlein Apparatus	75	Mid Sole Flexing Tester
32	Water Bath	76	Compression Set Apparatus
33	Hot Air Oven	77	Launder - O - Meter
34	Muffle Furnace	78	Hot Contact Resistance Tester
35	DT Test Apparatus	79	Water Vapour Permeability Tester
36	Dissolution Test Apparatus	80	Water Penetration Tester
37	Polari meter	81	Cold Ross Flex Tester
38	Karl Fisher	82	Bennewart Flex Tester
39	Rotary Evaporator	83	Whole Shoe Flexing Tester
40	Penetration Test Apparatus	84	Heat Insulation Tester
41	Flash Point Test Apparatus	85	Bally Flex Tester
42	Hot Set Test Apparatus	86	Din Abrasion Tester
43	Kelvin Double Bridge	87	Martindale Abrasion
44	High Voltage Test Apparatus	88	Veslic Rubbing Tester

Approvals obtained



गाजियाबाद विकास प्राधिकरण,
विकास पथ, गाजियाबाद।
(ISO 9001:2015 एंड ISO 14001:2015 प्रमाणित संस्था)

दिनांक: 26/9/19

सेवा में
श्री गाजियाबाद टैरिंग लैबोरेट्री प्रवासी,
एओ-150, अमरुत स्टील कंपाउंड
फ्रीडोम रोड, इन्डियन एरिया, मिडल लेवेल मॉडर्न,
गाजियाबाद।

विषय :- प्राधिकरण प्रयोगशाला में विभिन्न निर्माण एवं विकास कार्यों हेतु टैरिंग लैबोरेट्रीज का इमैनेसमेंट।

महोदय,
कृपया गाजियाबाद विकास प्राधिकरण के विभिन्न निर्माण/विकास कार्यों के अनुदान की जांच हेतु टैरिंग लैबोरेट्री के इमैनेसमेंट हेतु दिनांक 21.08.2019 को ई-निविदा प्राप्त की गयी। अद्य द्वारा दी गई पत्रों के माध्यम से प्राधिकरण ने इमैनेसमेंट किंगे जाने की स्वीकृति प्रमाणित महोदय द्वारा 18.09.2019 को प्रदान की गयी है। प्राधिकरण ने इमैनेसमेंट की तिथि 01.10.2019 से 30.09.2021 तक मान्य करेगी।

पुनः / 4/ फीफो-टी/2019-20
प्रतिनिधि -
1. नुन अविधाना महोदय को सूचनाएं।

साहायक अभियन्ता-तेर

उत्तर प्रदेश राजकीय निर्माण निगम लिमिटेड
Uttar Pradesh Rajkiya Nirman Nigam Ltd.
(U.P. GOVT. UNDERTAKING)
ISO 9001: 2008 (EMS) and ISO 14001: 2004 (EMS) CERTIFIED
EPBX { 2720665
2720670
CIN No. : U85320 UP 1975G0004116
Fax - 0522-2720646
Registered Office :
Vishweshwarjya Bhawan, Vishu Khandi,
Gomti Nagar, Lucknow-226 010

वेबसाइट: http://www.upnrmn.co.in
पंजीकृत कार्यालय
विश्वेश्वर्या भवन, विष्णु खान्दा,
गोमतीनगर, लखनऊ-226 010

संख्या - 41/AGM(T-E)/App-Rene./RNN/2023 दिनांक 14.02.2023

OFFICE ORDER

"M/s Ghaziabad Testing Laboratories Pvt. Ltd., AO-150, Amrit Steel Compound, South Side G.T. Road Industrial Area, Ghaziabad-201001" are Service providers in the field of Electrical Testing (Lab Mechanical, Chemical and Electrical Samples)

UPNRMN Ltd. had approved "M/s Ghaziabad Testing Laboratories Pvt. Ltd." vide Letter No. 34/AGM(T-E)/App-Rene./RNN/2022, Dt. 14.02.2022.

क्र.	पूरी का नाम	Service providers	पूर्व दिनांक अद्यतेज का वर एवं दिनांक	पंजीकरण की तिथि
1	M/s Ghaziabad Testing Laboratories Pvt. Ltd.	Electrical Testing (Lab Mechanical, Chemical and Electrical Samples)	Letter No. 34/AGM (T-E)/App-Rene./RNN/2022, Dt. 14.02.2022	13.02.2024

This renewal is subject to the following terms & conditions:-

- The validity of above is up to one year and further approval shall be subject to its performance/report from concerned field units. The UPNRMN Ltd. reserves the right to cancel the same during the period without assigning any reason whatsoever. The field officers will have to decide whether to keep this made in to the file of acceptable modes depending upon the provided instructions & orders of G.O, C.O, CWO & UPNRMN Ltd.
- The approval does not absolve the concerned field unit officers of their responsibility of searching necessary checks like quality, rates and performance of the products while processing / using the same. Any shortcoming / deficiency of serious nature, if any, observed while in use at site may be brought to the notice of the office.
- The firm shall inform in writing any change in price list /catalogue/drawing etc. and the same shall be made available to this office from time to time.
- The approval does not make firm eligible for claiming the right to get the work done or items procured through them only. Work/procurement is subject to firm's competitive offer against other competing manufacturers/brand/suppliers as mentioned in the tender documents.
- The performance of firm/products shall be watched by field unit and report submitted to the approving authority for periodical review.
- The approval will stand cancelled automatically if the BS license is discontinued due to any reason. Whoever M/s Ghaziabad Testing Laboratories Pvt. Ltd. should immediately inform this office about any change in specification, cancellation of any certification and change of price list etc.

(Sameer Gupta)
Addl. General Manager (T-E)

Copy forwarded for information & necessary action:
1. M/s Ghaziabad Testing Laboratories Pvt. Ltd., AO-150, Amrit Steel Compound, South Side G.T. Road Industrial Area, Ghaziabad-201001 (E-mail, enquiry@gtlab.org)
2. Addl. Managing Director, U.P. Rajkiya Nirman Nigam Ltd., Head Office, Lucknow.
3. General Manager (E), U.P. Rajkiya Nirman Nigam Ltd. Electrical Zone-1, Lucknow/Electrical Zone-2, Delhi/Electrical Zone-3, Bareilly/Electrical Zone-4, Lucknow.

Addl. General Manager (T-E)

Tel: 011 23019119
Fax: 011 23019488

Sub Dte of Design, Room No 109
Directorate General of Work (DGW)
Integrated HQ of MoD (Army)
Engineer-in-Chief's Branch
Kashmir House, Rajaji Marg
New Delhi - 110 011

93348/MISC/Consult/1569/E2 Des-1
01 Sep 2017

✓ M/s Ghaziabad Testing Laboratories Pvt. Ltd.
AO-150,
Amrit Steel Compound,
South Side G.T. Road Indl Area
Ghaziabad-201001

APPROVAL OF CONSULTANTS FOR MES WORK

- This is with reference to your request for enlistment of your firm in MES received vide your letter No Nil dt 25 Feb 2016 and GOP for enlistment of consultants issued vide this HQ letter No. 93348/MISC/Consult/151/E2 Des-1 dt 05 Mar 2013, as amended and updated from time to time and uploaded on website www.mes.gov.in.
- Your firm is hereby approved for enlistment as consultancy firm for **MES works for a period of 05 years** from the date of signing of this letter. Your firm is enlisted in **Group-I** for the following category in which consultancy services can be rendered by you-
(a) **Category-K**, Lab Investigation (excl Soil, NDT and Design Mix).
- One year prior to termination of the period of enlistment, you will render a detailed report to this HQ indicating details of works for which you would have quoted within the enlistment period, as per the format given below-

Sl No	Name of work	CE/CWE/GE	Date of acceptance of tender	Amount quoted by		Date of completion of work (consultancy) if applicable
				Firm	L1	

- It may also be noted that continuation of your enlistment/further renewal of your firm will be decided based on feedback received from MES units/formations from time to time. In case of any complaint related to quality or unsatisfactory performance, the enlistment of your firm can be reviewed any time during the currency of approval period and your firm will be able to be restricted from taking up any further works in MES in such cases.

5. It may be further noted that this approval would be deemed to be cancelled in case of the following-

- Non receipt of written intimation in case of change of company ownership.
- Discrepancy reported/found in documents/details submitted to this office at any later date.
- Non-adherence to conditions laid down as above.

(Girish Joshi)
Brig
DDGW (Design)
For E-in-C

Copy to:-
E-in-C's list 'A' & 'B'
1. Performance with respect to wks assigned in approved categories will be reflected in quarterly reports being sent by you to E-in-C's Branch.2. The contact details of the firm are as under -
Tele : 0120-2866108/6403076
Email : info@gtlabs.com
Web : www.gtlabs.com

Internal:-

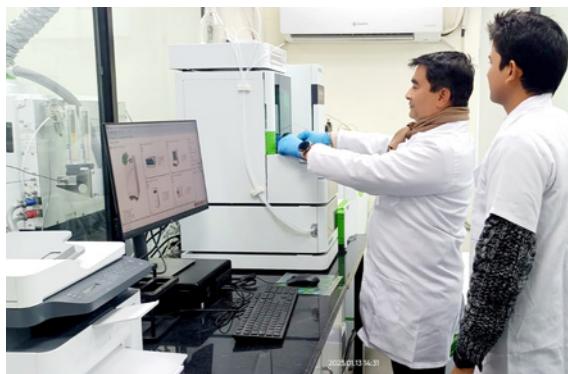
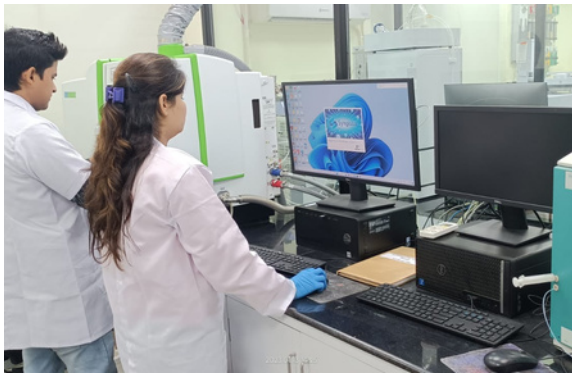
TS to DG MAP	EZW (Army)	EZW (Air)	EZW (N & DP)	EZW (PPC)	E-4 (Utility)	E-6 (Arch)	E-8 (Contract)

- For info please

Automation Cell - Requested to upload this letter on MES website for info of environment please.

Lab Gallery





Contact

GET IN TOUCH WITH US!



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Thank You

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