

CORPORATE BROCHURE



TESTING | CALIBRATION | PT SERVICES

Accredited as per: ISO/IEC:17025-2017 for Testing & Calibration services by NABL. ISO/IEC:17043-2023 for Proficiency Testing for Calibration services by NABL.

ABOUT GLOBAL LAB

Your Trusted Partner in Material Testing, **Calibration & PT Services**

Motto: Authenticity. Accuracy. Transparency. Reliability.

Global Lab is a leading provider of Construction Material Testing, Calibration and Proficiency Testing services, Specializing in testing of Building Materials, Industrial products and infrastructure monitoring. With precisiondriven methodologies and state-of-the-art laboratories, we empower industries to ensure the quality, durability and performance of their materials.

With a strong presence in the construction, manufacturing and allied sectors, we deliver accurate test results that enable businesses to make informed decisions, enhance product integrity and meet industry benchmarks. Our team of experts, combined with cutting-edge technology, ensures that every test & calibration produces reliable, data-driven insights that inspire confidence and excellence.

At Global Lab, we are committed to setting the standard for material testing-helping businesses build with certainty, innovate with assurance and operate with trust.







175+ CALIBRATIONS





Our Areas of Expertise

We specialise in a wide range of Material Testing, Calibration, and PT services, including:

- Pile Testing
- Concrete Durability
- Concrete Mix Design
- Concrete NDT Testing
- Building Material Testing (Mechanical and Chemical)
- Metallic Material Testing (Mechanical and Chemical)
- Soil & Rock Testing
- Bridge Load Testing
- Structural Health Monitoring
- Structural Health Assessment
- Mass Concrete Temperature Monitoring
- Calibration Services
- Proficiency Testing Services

COMMITMENT TO GLOBAL STANDARDS

At Global Lab, we take pride in our commitment to internationally recognized quality and competency standards. Our laboratory is accredited with:

✓ ISO/IEC 17025:2017 – Ensuring competence in Testing & Calibration Services

✓ ISO/IEC 17043:2023 – Accreditation for Proficiency Testing Services

These accreditations have been awarded by the National Accreditation Board for Testing and Calibration Laboratories (NABL).

Accreditation & Compliance

NABL accreditation signifies that our testing and calibration services meet the highest levels of technical competence, reliability and impartiality. This globally recognized certification assures our clients that:

• Our laboratory operates with precision, accuracy and consistency.

• Every test and calibration process follows strict quality control protocols.

• We adhere to National & International best practices in testing and calibration.

• Our results are credible, reproducible and widely accepted across industries.

By maintaining stringent compliance with national and international benchmarks, Global Lab continues to deliver trustworthy and validated results — reinforcing our position as a leader in the testing and calibration industry.

OUR HISTORY

A Legacy of Excellence & Commitment

Established on Independence Day 2009, Global Lab began its journey in Mumbai, India, with a vision to redefine the standards of construction materials testing, calibration and proficiency testing services. Over the years, we have grown into an industry leader, serving thousands of satisfied clients with unmatched expertise, precision and ethical practices.

Our extensive portfolio includes collaborations with central and state government organizations, multinational corporations and global industrial giants. These partnerships are a testament to our unwavering dedication to quality, compliance and technical excellence.



Vasai

Testing Turbhe



Kolkata

Testing Surat

Bhubneswar

Mumbai

PT Mumbai

OUR VISION

- At Global Lab, we envision becoming the most trusted, reliable and competent testing and calibration partner for industries worldwide. Our goal is to set the benchmark for excellence, precision and integrity, ensuring that businesses across the construction and allied sectors achieve the highest standards of quality and compliance.
- We strongly believe that every organisation—from large enterprises to independent consultants and emerging firms—plays a vital role in shaping a better future. By prioritising their needs and delivering unparalleled services, we uphold our commitment to social and corporate responsibility, contributing to a stronger and more resilient industry landscape.

OUR MISSION

Guwahati

- To be a global leader in Testing, Calibration & PT services, recognized for excellence, reliability and innovation.
- To be the preferred choice for our clients by consistently delivering trustworthy, high-quality and value-added services with precision and efficiency.
- To continuously innovate and adopt cutting-edge technologies that enhance productivity, sustain-ability and cost-effectiveness.
- To foster a culture of excellence and expertise, empowering our professionals with continuous learning, development and pride in their work.

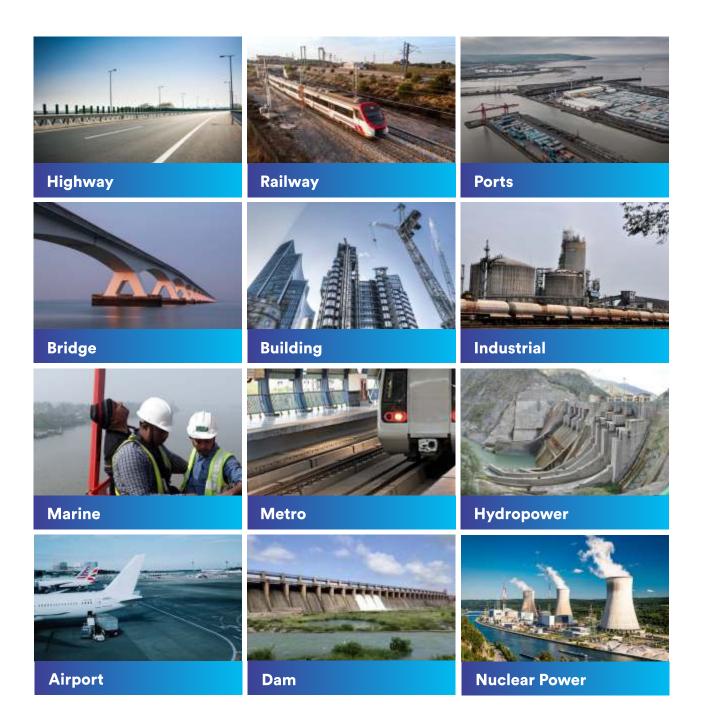
OUR ACCREDITATION & APPROVALS

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National Accreditation Board for	National Accreditation Board for
Testing and Calibration Laboratories	Recieva (2) Testing and Calibration Laboratories
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GLOBAL LAB	GLOBAL LAB
has been assessed and accredited in accordance with the standard	has been assessed and accredited in accordance with the standard
ISO/IEC 17025:2017	ISO/IEC 17025:2017
"General Requirements for the Competence of Testing & Calibration Laboratories"	"General Requirements for the Competence of Testing & Calibration Laboratories"
for its facilities at UNIT NO 31 & 32, SETHIA INDUSTRIAL PARK, SURVEY NO-39, SATIVALI, VASAI-E, VASAI, THANE,	for its facilities at Shop NO-29 & 30, KRISHI INDUSTRIAL ESTATE, TTC INDUSTRIAL AREA, TURBHE, NAVI MUMBA
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TESTING	TESTING
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ssue Date: X X X X Valid Until: X X X X	Issue Date: X X X X Valid Until: X X X X
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In the hereiten	N. Venkateswaran Chief Executive Officer
N. Venkateswaran	
Chief Executive Officer	
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OUR ACCREDITATION & APPROVALS

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GLOBAL LAB MATERIAL TESTING PRIVATE LIMITED	GLOBAL LAB
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ISO/IEC 17025:2017	ISO/IEC 17025:2017
"General Requirements for the Competence of Testing & Calibration Laboratories"	"General Requirements for the Competence of Testing & Calibration Laboratories"
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one of Legal Monthy : CLORAL LAB MATERIAL TESTING PRIVATE LIMITED	Signed for and on behalf of NABL
Signed for and on behalf of NABL,	
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N. Venkater	Chief Executive Officer
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National Accreditation Board for	National Accreditation Board for Testing and Calibration Laboratories
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SECTORS WE SERVE



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DIGITIZED OPERATIONS

We get it – juggling sample collection in a bustling city like Mumbai can be a real challenge. That's why Global Lab offers a hassle-free test sample pickup service spanning the entire Greater Mumbai region.

Booking a pickup is a breeze through our dedicated online customer portal. Our fleet of vehicles ensures your samples are collected and whisked away to our lab promptly.

Need on-site testing or calibration? Our convenient online booking system lets you schedule it at your convenience. Once booked, you can track progress and receive regular updates through your dedicated online portal until it's done.

Want to see your tests in action? Our innovative online witness test facility lets you observe your tests being conducted on advanced equipment from anywhere with an internet connection.

Unlock Your Results with a Scan: The Power of QR Codes on Global Lab Test Reports

Imagine instantly accessing the verified details of your Reports. That's the power we've embedded directly into your Global Lab reports through the integration of QR codes.



ACCESS REPORTS FROM ANYWHERE, ANYTIME

At Global Labs, we know how crucial it is to have reliable and timely info about your test samples, calibration items, or PT reports. That's why we're proud to offer a **digital reporting service** that puts this information right at your fingertips, wherever and whenever you need it.





At Global Lab, we believe in staying ahead of the game by leveraging the latest technology and innovative solutions. In line with the Government of India's "Digital India" program, our laboratories have implemented a state-of-the-art SaaS-based QLMS software called 'Autovity' across all our facilities.

This software has helped us control, monitor, and optimize our laboratory operations, ultimately leading to enhanced productivity, cost-effectiveness and transparency in reporting.





Lodha One World Project - Worli (Mumbai)



Minerva Tower - Lokhandwala (Mumbai)



Prestige Jasdan Classic - Mahalaxmi (Mumbai)



Peninsula Salsette - Byculla (Mumbai)



Omkar - 1973 - Worli (Mumbai)



Oberoi Sky City - Borivali (Mumbai)



Piramal Ananya - Byculla (Mumbai)



One Marina - Marine Lines (Mumbai)



Oberoi 360 West - Worli (Mumbai)



Oberoi Enigma - Mulund (Mumbai)



Bullet Train Project



Mumbai Metro - Mumbai



Mumbai Coastal Road Project - Mumbai



Trans Harbour Link Project - Mumbai



Dhubari to Phulbari Bridge - Assam



Navi Mumbai Metro



Statue of Unity - Gujarat



Ram Mandir Project - Ayodhya



BAPS Temple - Surat



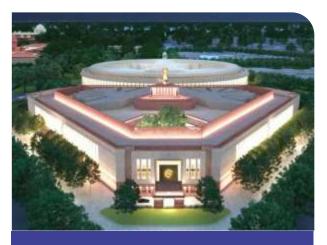
Indira Gandhi Hospital Project- Delhi



Statue of Equality - Mumbai



DAICEC Project - Bandra Kurla (Mumbai)



New Parliament Building - New Delhi



Statue of Oneness - Omkareswar

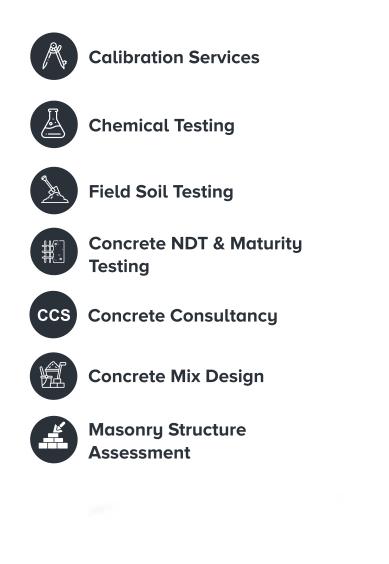


SERVICES

Accuracy, Precision and Perfection: We keep to build the truth



OUR SERVICES





Mechanical Testing



Pile Testing



Concrete Durability Test



Bridge Load Testing



Structural Health Monitoring



Structural Health Assessment



Proficiency Testing for Calibration

OUR ETHOS





Accuracy

Transparency

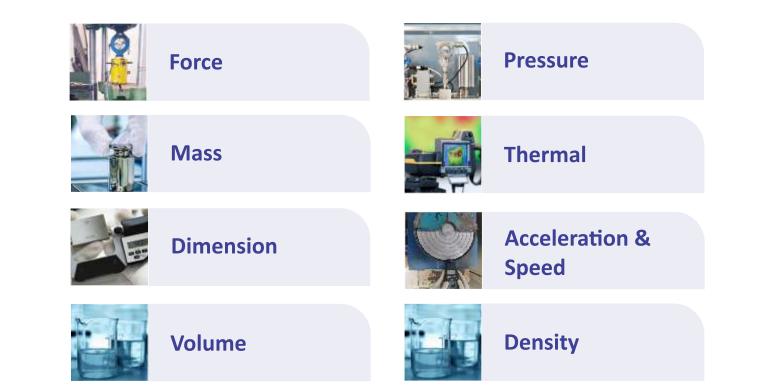






CALIBRATION SERVICES

Force | Pressure | Mass | Acceleration & Speed | Thermal | Dimension | Volume | Density





MECHANICAL TESTING SERVICES

Cement | Flyash | Microsilica | Aggregates | Concrete | Rebar | Soil | Tiles | Couplers | Metallic Materials | Rebar/Anchor Pull out | Ready Mix Plaster | Bricks | Gypsum | Tiles Adhesive | Grout | Block Joining Mortar | AAC Block | Concrete Block | Paver Block | Prestressed Wire Stand | Stainless Steel Bar

Mechanical testing services of:

- Cement
- Flyash
- Silica Fume
- Ground Granulated Blast Furnace Slag
- Coarse Aggregates
- Ceramic Tiles
- Common Burnt Clay Brick
- HT Wire Strand
- Structural Steel
- Steel Tube
- Binding Wire
- Square & Rectangular Hollow Steel Section
- Stainless Steel Bars & Wires
- Cementitious Grout
- Epoxy Grout
- Fusion Bonded Epoxy Coated Bar
- Harden Concrete
- Flyash Brick
- AAC Block
- Hollow Solid Concrete Block
- Paver Block
- Reinforcement Bar
- Fine Aggregates
- Steel Coupler
- Soil Test

- Rock
- Gypsum Plaster
- Ready Mix Plaster & Mortar
- Block Jointing Mortar
- Tile Adhesive





CHEMICAL TESTING SERVICES

Cement | Flyash | GGBS | Microsilica | Aggregates | Concrete | Rebar | Couplers | Metallic Materials | Gypsum | Water | Admixture

Chemical testing services of:

- Cement
- Flyash
- Silica Fume
- Ground Granulated Blast Furnace Slag
- Coarse Aggregates
- Harden Concrete
- Construction Water
- Concrete Admixture
- HT Wire Stand
- Structural Steel
- Gypsum Plaster
- Steel Tube
- Fine Aggregates
- Steel Coupler
- Stainless Steel Bars, Plates & Strips
- Added Alloy Reinforcement Bar



PILE TESTING SERVICES

Pile Integrity | Pile Dynamic | Pile pull out test | Pile Static Load Test | Pile Lateral Test | Pile Vertical Cyclic Load Test



Pile Dynamic Test



Pile Integrity Test



Pile Static Load Test



Pile Lateral Load Test



Pile Pullout Test



Pile Vertical Cyclic Load Test





FIELD TESTING OF SOIL

Field CBR | Cyclic Plate Load Test | K-value Test | Field Density Test | Cyclic Load Test | Stone Column Test | EV1/EV2 Soil Test | Control Modulus Column Test

Check out some of our Soil Field Tests:



Plate Load Test



Field Dry Density Test



Modulus of Sub Grade Test (k-Value Test)



EV1/EV2 Soil Test



Field CBR Test



Stone Column Test



Cyclic Plate Load Test



Control Modulus Column Test





CONCRETE DURABILITY TEST

RCPT | Rapid Chloride Migration | Depth of Water Penetration | ISAT | Mass Concrete Temperature Monitoring | Drying Shrinkage | Modulus of Elasticity | Concrete Oxygen permeability Test

Check out some of our concrete durability tests:



Rapid Chloride Migration Test



Rapid Chloride Penetration Test



Concrete Initial Surface Absorption Test



Concrete Drying Shrinkage Test



Modulus of Elasticity of Concrete



Mass Concrete Temperature Monitoring



Depth of Water Penetration



Concrete Oxygen Permeability Test





CONCRETE MIX DESIGN SERVICES

Normal Mix Design up to M 40 Grade | High Performance Concrete Mix Design | Self-Compaction Concrete Mix Design | Light Weight Concrete Mix Design | PQC Mix Design

Check out some of our concrete mix design services:



High Performance Concrete Mix Design



Normal Mix Design upto M40 Grade



PQC Mix Design



Color Concrete Mix Design



Self-Compaction Concrete Mix Design



Light Weight Concrete Mix Design





CONCRETE NDT & MATURITY TEST

Rebound Hammer | UPV | Half Cell Potential | Carbonation | Rebar Mapping & Cover depth | Concrete Crack Depth & Crack Width | Endoscopy | Concrete Maturity Testing | Concrete Resistivity Test | Rebar/Anchor Pullout Test

Check out some of our Concrete NDT Services:



Rebound Hammer Test



Ultrasonic Pulse Velocity Test



Carbonation Test



Rebar Mapping & Cover Depth of Concrete



Concrete Endoscopy



Concrete Maturity Test



Half Cell Potential Test



Crack Depth & Crack Width



Concrete Resistivity Test



Rebar/Anchor Pullout Test



BRIDGE LOAD TESTING

Prestressed Concrete Bridge | Steel Bridge | Composite Bridge

Check out some of our Bridge Load Tests



Prestressed Concrete Bridge



Steel Bridge



Composite Bridge





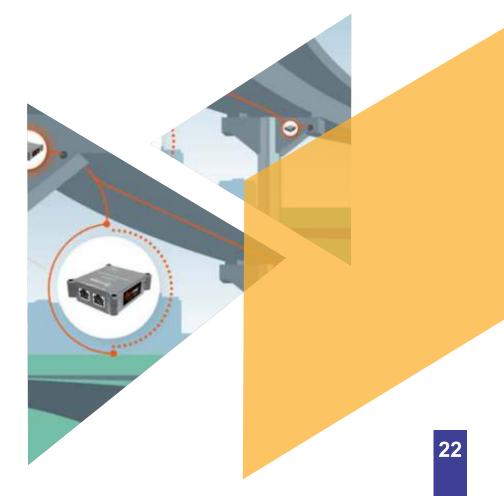
STRUCTURAL HEALTH MONITORING SERVICES

Structural health monitoring (SHM) is a field of engineering that deals with the continuous monitoring and evaluation of the performance and condition of a structure to prevent damage, ensure safety, and extend its lifespan. It involves the use of sensors and monitoring systems to detect and analyze structural deficiencies or defects, such as cracks, corrosion, or fatigue in real time.

Importance

Reinforced concrete structures are widely used in numerous infrastructures, such as buildings, bridges, tunnels, dams, and roads etc, due to their high strength, resistance to fire and durability. However, these structures are subjected to various environmental and loading conditions, such as temperature variations, moisture, vibrations and traffic loads, which can affect their structural integrity and lead to damage or failure.

Therefore, RCC structure monitoring is crucial to detect and diagnose any potential issues before they become severe and costly. By implementing SHM techniques, owners, and operators of RCC structures can ensure their safety, efficiency, and longevity and avoid unplanned maintenance or replacement.





MASONRY STRUCTURE ASSESSMENT

Single Flat Jack Test | Double Flat Jack Test | In Situ Shear Strength of Mortar Joint

Check out some of our Masonry Structure Assessment Tests



Single Flat Jack Test

Used for In Situ axial Compressive Stress of Masonry



Double Flat Jack Test

Used for In situ deformability Properties (Modulus of Elasticity and Poisson's Ratio)



In Situ Shear Strength of Mortar Joint





PROFICIENCY TESTING SERVICES FOR CALIBRATION

Force | Mass | Weighing Balance | Basic Dimension | Precision Dimension | Pressure | RPM | Thermal Services

Check out some of our Proficiency Tests



OUR GALLERY

OUR EXPERT TEAM

At the heart of Global Lab is a team of highly skilled engineers, technicians, and specialists, all committed to delivering precise and reliable results. Every test and calibration is conducted with meticulous attention to detail, strictly adhering to national and international standards to ensure the highest level of accuracy and integrity.

Through continuous innovation and an unrelenting pursuit of excellence, Global Lab remains a trusted name in the industry—empowering businesses with reliable insights, enhanced quality control and sustainable solutions.

OUR MANAGEMENT



AVADHESH SHARMA FOUNDER & MANAGING DIRECTOR

Avadhesh Kumar Sharma is a highly accomplished Civil Engineer with over 25+ years of experience, making remarkable contributions to India's construction landscape. Graduating from a prestigious Indian institution with a Bachelor's degree in Civil Engineering, he has left a lasting impact on esteemed organizations such as Lafarge Concrete and Aggregates Pvt. Ltd., L&T Ltd, HCC Ltd., CCL, and Jaiprakash Industries Ltd.

In 2011, He joined Global Lab, a leading materials testing, Calibration, and consultancy firm in India, where he played a pivotal role in establishing their reputation for excellence. With his unwavering dedication and expertise, he has made significant contributions to the civil engineering domain in India, setting new industry benchmarks.

His commitment to delivering accurate and dependable services has earned him acclaim. Notably, he developed a state-of-the-art Laboratory Software Operation, introducing paperless lab operations in India and adhering to ISO/IEC: 17025 standards.



HIREN JOSHI FOUNDER & DIRECTOR

Mr. Hiren Joshi is a professional Civil Engineer with over 20 years of experience specialising in Quality Control & Quality Assurance of Construction.

He has worked with renowned organisations such as the National Council for Cement & Building Materials (NCCBM), Larsen & Toubro Limited (L&T), and Lafarge Aggregates & Concrete. With a core expertise in concrete technology, Mr. Joshi's focus lies in High Performance Concrete, Concrete Durability, Non Destructive Testing, Concrete Maturity & Thermal Monitoring, and more.

He played a crucial role in establishing Global Lab in 2009, which has now expanded across India. Mr. Joshi is instrumental in establishing a Laboratory Management system as per ISO/IEC 17025 standards.

His strengths also include creating new business opportunities and nurturing strong customer relationships.



RAJEEV GHOSH DIRECTOR

Mr. Rajeev Ghosh is a highly skilled and accomplished Technocrat, boasting an impressive track record spanning over 27 years in the Infrastructure, Real Estate, and Building material/Ready Mix Concrete industries. With a distinguished Bachelor's degree in Civil Engineering, he has consistently showcased his prowess in specialized areas such as Quality Assurance, Testing and Analysis, Infrastructure execution, laboratory management, and cost optimization.

Throughout his illustrious career, Mr. Ghosh has held pivotal roles in leading companies, where he has made invaluable contributions to Quality Control, Marketing, and Technical Services. Furthermore, his involvement in cutting-edge Research and Development endeavors focused on Construction Chemicals and Fly ashbased products has further solidified his reputation as a forward-thinking industry leader.

Renowned for his exceptional leadership acumen and adept people management skills, Mr. Ghosh possesses a profound understanding of the intricate dynamics within the industry ecosystem. Driven by an unwavering commitment to excellence, he continually strives to surpass organisational goals and foster a culture of achievement. His strategic vision and unwavering focus on team-driven success have consistently yielded outstanding results throughout his career.

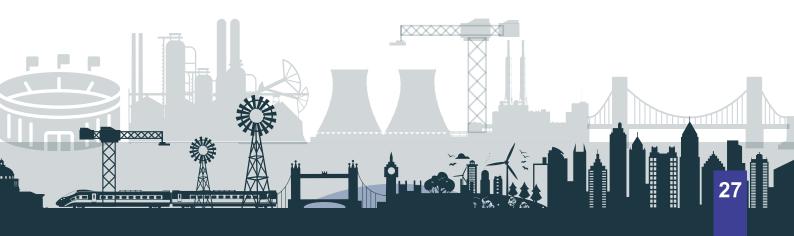
OUR PRESENCE ON MAP



KURLA, MUMBAI Global Lab (Branch Lab)

NAVI MUMBAI, MUMBAI Global Lab (Corporate Branch) Global Lab (Regional Lab) BHUBANESWAR, ODISHA

Global Lab (Regional Lab)



OUR MAJOR CLIENTS



CONTACT US



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Toll Free Number: 1800 309 2996 info@globallab.co.in



BRANCH OFFICE: BORIVALI, MUMBAI

B-21, Shripal Nagar CHS, Satyanagar, Borivali (West), Mumbai-400092.

Toll Free Number: 1800 309 2996 info@globallab.co.in



BRANCH LAB: SURAT, GUJRAT

153, RJD Textile Park, Ichhapore GIDC, Bhatpore, Surat Pin Code: 394510, Gujarat.

Toll Free Number: 1800 309 2996 info@globallab.co.in



BRANCH LAB: GUWAHATI, ASSAM

Ground Floor, House no 4, Kekora Nagar, Behind Mukesh Hyundai, Dispur, Guwahati, Assam Pin-781006.

Toll Free Number: 1800 309 2996 info@globallab.co.in



CORPORATE BRANCH: TURBHE, NAVI MUMBAI

Shop No-29 / 30, Krishi Industrial Estate, Opp. Everest Nivara, Near Indra Nagar Bus Stop, TTC Industrial Area, Turbhe, Navi Mumbai-400613. | Phone:+91 8433727515

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BRANCH LAB: KURLA, MUMBAI

284, Comely Building, Gr Floor, Opp Anjuman I Islam School, S G Berve Marg,Kurla (West), Mumbai-400070. | Phone:+91 8433727514

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BRANCH LAB: BHUBANESWAR, ODISHA

Plot No -206, Mahadev Nagar, Jharpada Road, Jharapada, Bhubaneswar- 751006, Odisha.

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A1-905 Palladium, Corporate Road, Prahladnagar, Ahmedabad – 380051

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