

Company Profile



GLOBAL

ENGINEERING AND GEOTECHNICAL SERVICES LLP

ISO/IEC 17025 Accredited Testing Laboratory by NABL | Certificate Number: **TC-10182**

Quality Makes **Difference**

Leading provider of construction material testing and geotechnical services •



About Global Engineering

Building Trust Through Precision **Since 2015.**

Founded in 2012, Global Engineering Lab is a trusted engineering consultancy specializing in road and bridge infrastructure. Based in Surat, Gujarat, we deliver end-to-end solutions covering design, testing, inspection, and quality assurance for construction projects of all sizes.

Our advanced central laboratory and on-site testing capabilities enable us to provide accurate, timely, and reliable results. We are committed to maintaining the highest standards of quality, safety, and technical excellence.

Our Core Services.

- Construction Material Testing & Quality Control
- Third-Party Inspection & Certification
- Road Safety Audits
- Topographical & Road Surveys
- Project Management Consultancy (PMC)
- Geotechnical Investigations
- Engineering Design for Pavements and Bridges
- Detailed Project Report (DPR) Preparation
- Cost Estimation & Quantity Analysis

At **Global Engineering Lab**, we combine expertise, innovation and technology to ensure every project is built on a strong and dependable foundation.



Vision, Mission & Core Values.



Our Vision.

At Global Engineering Lab, our vision is to become a centre of excellence in material testing and engineering services. We aim to lead through innovation, integrity and continuous improvement, delivering technically advanced and future-ready solutions that support infrastructure growth both nationally and globally.

Our Mission.

We are committed to delivering reliable, precise and high-quality material testing and engineering services that exceed client expectations.

- Provide accurate, transparent, and timely testing solutions
- Build long-term partnerships through trust and professional excellence
- Leverage advanced technologies to ensure efficiency and innovation
- Promote sustainable and environmentally responsible practices
- Contribute to safe and durable infrastructure development

Our Core Values.

We are committed to delivering reliable, precise and high-quality material testing and engineering services that exceed client expectations.

- Strong commitment to customer satisfaction
- Integrity and impartiality in every project
- Continuous improvement through innovation
- Teamwork, safety, and respect for individuals
- Compliance with ethical, legal and accreditation standards
- Transparency in communication and reporting

At **Global Engineering Lab**, we combine expertise, technology and ethical practices to deliver dependable results that our clients can trust.

Primary **Accreditations.**



NABL Accredited

Certificate No: TC - 10182

- Accredited Laboratory since 2017
- Compliant with ISO/IEC 17025 standards for testing competence.



Gujarat Government Approved

Laboratory Since 2018

- Gujarat Government Approved Laboratory since 2018
- Authorized for state infrastructure and development projects.



Why Choose **Global Engineering Lab.**

At **Global Engineering Lab**, we are a trusted partner for consultancy, inspection, material testing and engineering design services. Our commitment to quality, precision and continuous improvement ensures dependable, end-to-end solutions at every stage of your project.

Our advanced central laboratory and on-site testing capabilities enable us to provide accurate, timely, and reliable results. We are committed to maintaining the highest standards of quality, safety and technical excellence.

Advanced Technology.

Our advanced central laboratory and on-site testing capabilities enable us to provide accurate, timely and reliable results. We are committed to maintaining the highest standards of quality, safety and technical excellence.

Accuracy & Compliance.

Our testing methods align with national and international standards. Using calibrated equipment and controlled procedures, we ensure traceable and dependable results you can trust.

Proven Experience.

With extensive experience across infrastructure and building projects, we provide technically sound, practical and project-focused solutions.

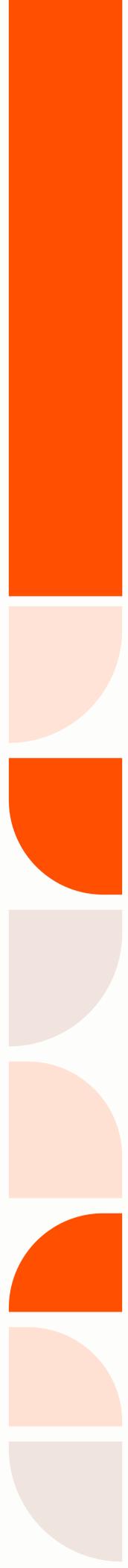
Reliable & Transparent Processes.

From sample collection to final reporting, our digital systems ensure real-time tracking, transparent communication and timely delivery.

Client-Centric Approach.

We build long-term partnerships by offering personalized service, proactive support and clear communication throughout the testing and project life-cycle.

At **Global Engineering Lab**, we combine expertise, technology and integrity to deliver results that strengthen your projects and build lasting confidence.



What We Deliver

At Global Engineering Lab, we provide comprehensive engineering, testing and inspection services designed to ensure quality, safety and regulatory compliance across infrastructure and building projects.

1 Construction Material Testing.

Accurate testing services for

- Steel, Cement & Aggregates
- Concrete & Bitumen Mix
- Bricks, Tiles & Thermoplastics
- Soil & Emulsion Testing
- NDT and Other Building Materials

2 Project Management Consultancy.

End-to-end project support including

- Planning & Scheduling
- Quality Assurance & Control
- Risk Assessment & Management
- Site Supervision & Monitoring
- Regulatory Compliance & Documentation

3 Third-Party Inspection.

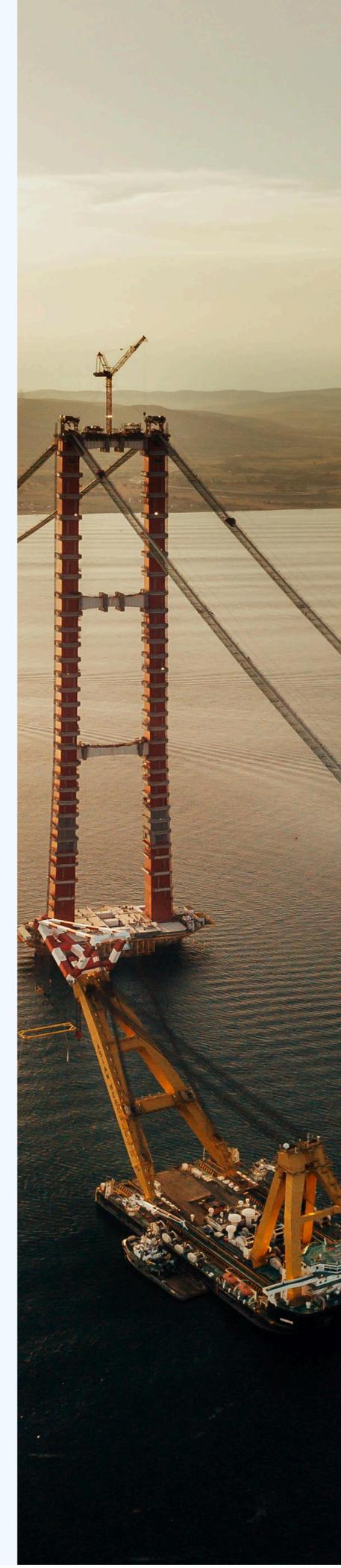
Independent inspections to ensure

- Structural Integrity & Safety
- On-Site Quality Verification
- Risk Assessment & Management
- Activity-Based Compliance Checks

4 Highway Design & Engineering.

Comprehensive road solutions covering

- Pavement Design & Analysis
- Geometric Design & Alignment
- Junction & Traffic Flow Planning
- Road Safety Audits & Surveys





5 DPR, Estimation & Tender Support.

Professional documentation services including

- Detailed Project Reports (DPR)
- Cost Estimation & Feasibility Studies
- Concept Planning
- Tender Documentation

7 Road & Bridge Inspection.

Quality-focused inspection services

- Construction Stage & Final Inspections
- Load Testing & Structural Analysis
- Expansion Joint & Bearing Inspections

9 Advanced Testing Capabilities.

End-to-end project support including

- Pavement Analysis (FWD Testing)
- Surface Integrity & Skid Resistance Tests
- Road Marking & Sign Board Testing

At **Global Engineering Lab**, we combine technical expertise, modern technology and industry compliance to deliver dependable engineering solutions that support safe, durable and high-performing infrastructure.

6 Geotechnical Investigation.

Reliable soil and sub-surface analysis using

- Advanced Hydraulic Investigation Equipment
- Automated Standard Penetration Tests
- Rock Drilling & Underwater Soil Studies

8 Building Inspection Services.

Ensuring construction quality through

- Stage-Wise Site Inspections
- Concrete & Reinforcement Testing
- Structural Load Testing

Core Competencies.

At Global Engineering Lab, our core strengths are built on technical expertise, advanced technology and a strong commitment to quality and compliance. We deliver dependable engineering solutions across infrastructure and building projects.

1 Construction Material Testing.

Accurate testing services for

At Global Engineering Lab, we are a trusted partner for consultancy, inspection, material testing and engineering design services. Our commitment to quality, precision and continuous improvement ensures dependable, end-to-end solutions at every stage of your project.

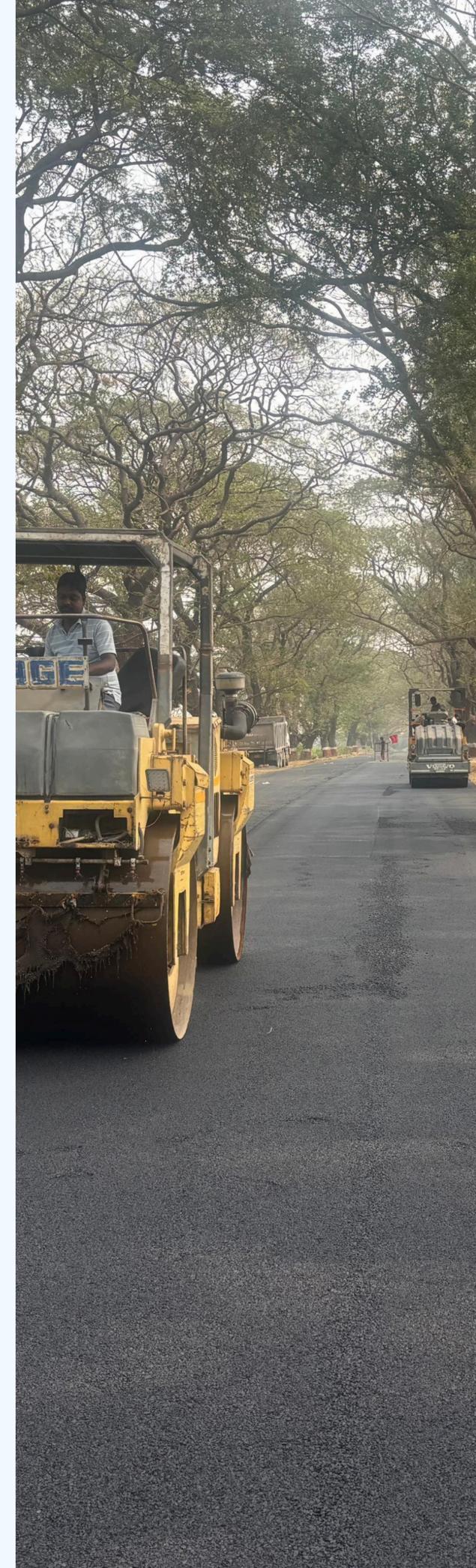
Our advanced central laboratory and on-site testing capabilities enable us to provide accurate, timely and reliable results. We are committed to maintaining the highest standards of quality, safety and technical excellence.

2 Project Management Consultancy.

Accurate testing services for

Our project management team supports clients through every phase of the project life-cycle — from concept development to final execution.

We offer planning, scheduling, quality assurance, risk management, site supervision and compliance documentation. By implementing structured monitoring systems and transparent reporting, we help ensure projects are delivered efficiently, safely and within defined timelines and budgets.





3 Highway Engineering.

We provide end-to-end highway and roadway engineering solutions, including

We specialize in highway and roadway engineering solutions designed for long-term performance and public safety.

Our services include pavement design and evaluation, geometric alignment studies, junction planning, traffic flow analysis and road safety audits. We focus on practical, data-driven designs that enhance mobility, durability and infrastructure sustainability.

4 Third-Party Inspection.

Independent inspections to ensure

Our independent inspection services ensure structural safety and regulatory compliance through

- Activity-wise construction inspections
- Structural integrity verification
- NDT and material validation testing

We help safeguard project quality at every stage.

5 DPR, Estimation & Tender Preparation.

We prepare comprehensive documentation and cost analysis services

We prepare comprehensive documentation and technical reports to support project approvals and funding processes.

Our services include Detailed Project Reports (DPR), feasibility studies, cost estimation, conceptual planning and tender documentation. We provide clear, data-backed analysis to support strategic decision-making and successful project execution.

6 Geotechnical Investigation.

We deliver accurate soil and sub-surface investigations using advanced equipment and testing methods

Understanding soil and sub-surface conditions is critical for safe and durable structures.

We conduct advanced geotechnical investigations including soil sampling, Standard Penetration Testing (SPT), rock drilling and specialized testing methods. Our technical assessments provide reliable data for foundation design and structural planning.





7 Advanced Testing Capabilities.

We offer specialized infrastructure testing solutions

We offer specialized infrastructure testing solutions to evaluate performance and safety.

Our capabilities include Falling Weight Deflectometer (FWD) testing for pavement analysis, skid resistance testing, surface integrity evaluation and road marking performance assessment. These services support long-lasting infrastructure and regulatory compliance.

- At **Global Engineering Lab**, we are committed to delivering precision-driven, compliant and future-ready engineering solutions. Through innovation, expertise and integrity, we partner with our clients to build safer and stronger infrastructure.

Our Impact.

Ensuring Stable Foundations for Every Project Our investigations reduce structural risk, prevent cost overruns and improve long-term performance.

Measurable Performance Across Projects.

1,000+ material tests conducted every month

Ensuring construction quality, structural strength and compliance at every stage.

500+ geotechnical locations investigated

Delivering reliable sub-surface insights for safer foundations.

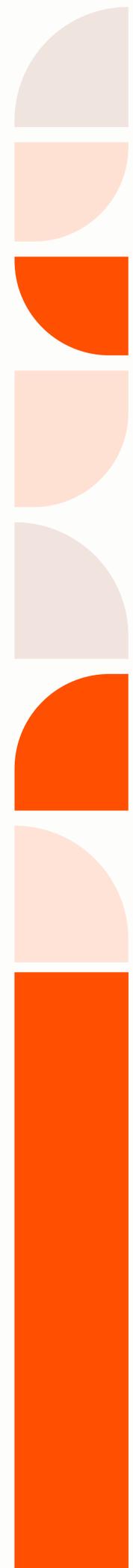
50+ geotechnical studies executed monthly

Supporting faster project mobilization with accurate data.

30+ bridges successfully designed

Providing structurally sound and cost-efficient bridge engineering solutions.





5 **100+** km of highways designed annually
Enhancing mobility, safety and infrastructure durability.

6 **Rs 1000** crores worth of DPR & project documentation prepared
Enhancing mobility, safety and infrastructure durability.

7 **100+** km surveyed annually
Providing high-precision topographical and alignment data.

8 **100+** site inspections completed
Strengthening compliance and construction quality.

9 **100+** km road safety audits conducted
Identifying risks and improving transportation safety.

10 **10+** technical training programs delivered
Promoting engineering best practices and regulatory awareness.

How We Ensure **Quality**.

A Structured, Standards-Driven Approach.

We follow a disciplined quality framework designed to reduce risk and enhance accountability.

- 1** Field Investigation & Sampling
- 2** Advanced Laboratory Testing
- 3** Technical Evaluation & Data Analysis
- 4** Certified Reporting & Compliance Validation

All processes are executed using calibrated equipment, experienced professionals and transparent documentation systems. Outcome, improved structural longevity, reduced life-cycle costs, and stronger regulatory alignment.

Sectors We **Support**

Enabling Infrastructure Growth Across.

We collaborate with public and private sector organizations to deliver reliable testing, inspection, and compliance-driven solutions.

- 1** Government Infrastructure Projects
- 2** Highway & Urban Development Authorities
- 3** Public Works Departments
- 4** Bridge & Road Construction Agencies
- 5** Private Infrastructure Developers

Our services adapt to sector-specific compliance standards and operational needs.

Why Partner With **Global Engineering**?

Reliable • Transparent • Technically Accountable.

- 1** Data-driven decision support
- 2** Independent and unbiased inspections
- 3** Regulatory compliance focus
- 4** Experienced multidisciplinary engineering team
- 5** Timely reporting and execution

We don't just deliver services, we strengthen project outcomes and long-term infrastructure resilience.





Thank **you**

We are ready to assist **you!**



Global Engineering

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