



**BBAPL**  
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ISO 9001:2015



TC-15419

# BHARGAVA BUILDING ATELIER PVT. LTD.

**ISO/IEC 17025:2017 NABL  
ACCREDITED | ISO 9001:2015  
CERTIFIED**

*Testing Today. Building Tomorrow*



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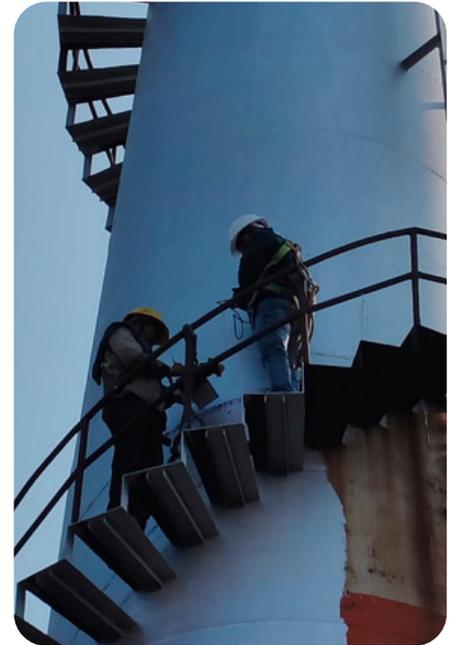
Argade Ki Gali, Lashkar, Gwalior  
Madhya Pradesh, 474009





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# About BBAPL



*“BBAPL is a trusted industrial engineering and compliance partner with 40+ years of experience, supporting 80+ leading organizations across India.”*

**We Serve: Infrastructure | Industrial | Real Estate |  
Government Projects**

**40+** Years Of Experience

**30+** Recognitions & Appreciations

**500+** Total Completed Projects

**200+** Clients Across Public & Private Sectors



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# BBAPL Quality Lab Service Model

## Leadership

Planning, Engineering & Quality Systems

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## Design

Structural Design, Mix Design & Value Engineering

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## Testing

Material Testing, NDT & Quality Control

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## Monitoring

Site Sampling, Chain-of-Custody & Lab Coordination

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## Documentation

Test Reporting, Digital Archiving & Audit Support

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# BBAPL Testing Scope



## Soil Testing (IS 2720 Series)

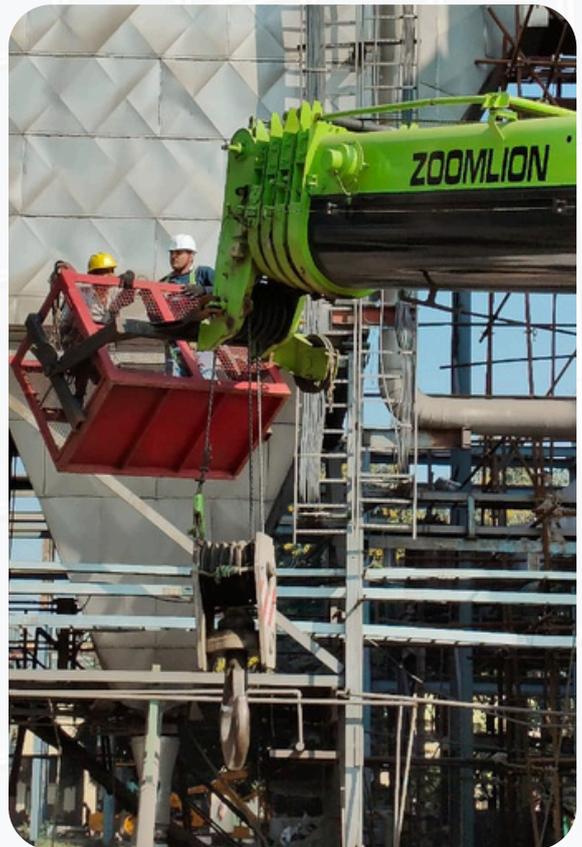
- Grain Size Analysis (Sieve)
- Atterberg Limits
- CBR Test
- Proctor Compaction
- Triaxial & Direct Shear Tests
- Permeability Test

## Cement Testing (IS 4031, IS 1489)

- Fineness
- Standard Consistency
- Initial & Final Setting Time
- Soundness
- Compressive Strength

## Aggregate & Sand Testing (IS 383, IS 2386)

- Impact, Crushing & Abrasion Value
- Flakiness & Elongation Index
- Sieve Analysis & Fineness Modulus
- Silt Content
- Specific Gravity & Bulk Density





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# FIELD & NON-DESTRUCTIVE TESTING (NDT)

## Field & Borehole Testing

- SPT Drilling (Standard Penetration Test)
- Plate Load Test (Bearing Capacity)
- Field Compaction / Density Test
- Trial Pit Excavation



## Non-Destructive Testing (NDT) Services

- Half Cell Potential Test (Corrosion Assessment)
- Core Extraction (75 / 100 mm dia)
- Carbonation Test (Durability Check)
- Cover Meter Test (Rebar Location – 1.0 m × 1.0 m)
- Dye Penetration Test (Fillet Weld Defects)
- Determination of Steel Member Thickness



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# CONCRETE, STEEL & MASONRY TESTING

## Concrete Testing (IS 516, IS 1199)

- Cube Compression Test
- Concrete Mix Design
- Slump Test
- Core Extraction & Compressive Strength

## Steel Reinforcement Testing (IS 1786, IS 1608)

- Tensile Strength
- Bend & Re-bend Test
- Elongation Test

## Brick, Block, Tile & Paver Testing

- Compressive Strength
- Water Absorption
- Dimensional Accuracy
- Efflorescence

## Bitumen & Asphalt Testing

- Softening Point
- Viscosity
- Ductility
- Bitumen Content
- Grading & Classification

## Water Testing (IS 3025, IS 456)

- pH Level
- Total Dissolved Solids (TDS)
- Chloride & Sulphate Content
- Suitability for Construction & Drinking





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# WHY CHOOSE US

## Mission

To deliver accurate, reliable testing that ensures safe and quality construction.

## Vision

To be a trusted benchmark in construction testing and engineering services.

*“Since 1982, BBAPL has delivered trusted, innovative engineering solutions with integrity, quality, and long-term value.”*

**NABL Accredited** ISO/IEC 17025:2017

**Quick Turnaround** Express services available

**Expert Team** Civil engineering specialists

**5-Year Archive** Long-term data access

**CPWD/PWD/PMC Compliant** Audit-ready reports



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# BBAPL Success Stories



ELIXRR

## Elixrr Industries Pvt. Ltd.



### Challenges

Assessing refinery foundation safety without disrupting operations.

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### Solutions

Performed targeted NDT tests to evaluate in-situ strength and durability.

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### Results

Confirmed structural safety and provided clear maintenance recommendations.

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# BBAPL Success Stories



## JK Tyre & Industries Ltd., Banmore (M.P.)



### Challenges

Evaluating the structural condition of the RMS drain without causing damage or operational disruption.

### Solutions

Conducted targeted Non-Destructive Testing to assess in-situ strength and integrity.

### Results

Ensured structural safety with clear, actionable insights for maintenance and compliance.

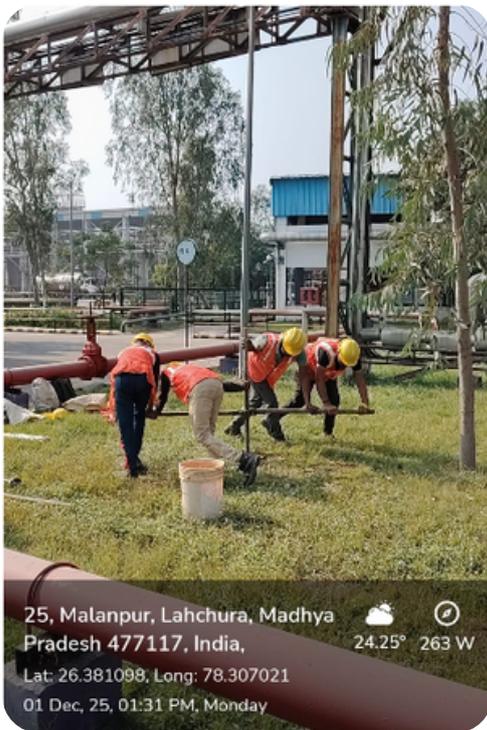


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# BBAPL Success Stories



## Mondelez India Foods Pvt. Ltd.



### Challenges

Assessing subsoil conditions for safe and stable chimney foundation design.

### Solutions

Conducted detailed geotechnical investigation including boreholes and soil testing.

### Results

Provided reliable soil parameters enabling safe foundation design and execution.



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# BBAPL Success Stories



## CG Power & Industrial Solutions Ltd., Malanpur



### Challenges

Ensuring required soil compaction levels under site conditions.

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### Solutions

Performed Field Compaction Test using Sand Replacement Method.

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### Results

Verified achieved density met specifications, supporting safe construction progress.

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# BBAPL NABL, ISO & Other Certifications



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## OUR CERTIFICATIONS & MEMBERSHIPS

 <p>Associate Certified Competent Person</p>	 <p><b>NABL</b> NABL Certificate and Scope</p>	 <p>Airport Authority Empanelment</p>
 <p>Confederation of Indian Industry <b>CII</b> CII Certified Expert</p>	 <p>Association of Indian Laboratories Membership</p>	 <p><b>CPWD</b> CPWD Empanelment</p>
 <p>पावरग्रिड Empanelment Power Grid</p>	 <p><b>ISO</b> 9001:2015 ISO 9001:2015</p>	 <p>1959 M.P. Chamber of Commerce &amp; Industry Membership</p>



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# OUR CLIENTELE



*BBAPL has supported this diverse clientele with engineering consultancy, material testing, NDT services, and statutory compliance, helping deliver safe, reliable, and compliant projects across industries.*



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# Our Other Core Services

**Architectural & Structural Design**

**Project Management Consultancy (PMC)**

**Structural Audits & Certifications**

**Geotechnical Services**

**HVAC, Fire Safety & Electrical Consultancy**

**Valuation Services**

**Landscaping Services**

**Compliance & Statutory Support**



## Services Available

- ✓ One-Time Testing
- ✓ Project Contracts
- ✓ Annual Contracts
- ✓ Express Testing
- ✓ On-Site Sampling

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