

Beacon Infralab India Pvt. Ltd.

NABL Accredited Lab

(Certificate No. TC-6174)

An ISO: 9001: 2015 Certified Company



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Beacon

About Us

BeaconInfralab India Pvt. Ltd. was established by civil engineers having wide experience in testing and research in the field of civil engineering. Beacon is headed by **Mr. RVS Tomar (ME Civil)** who has more than 30 years of experience in quality control of various civil engineering projects. He is assisting by **Mr. Pitambar Datt (ME Civil)** who has 20-year experience road and civil engineering projects.

Vision-

To improve the quality of life by assisting Organizations achieves extra ordinary standards of quality in their product and services.

MISSION-

- a) Preferred quality assurance partner to world leaders in product and services through*
- b) Meet the customer requirements.*
- c) Modeling our system and procedure to integrate with our customer processes.*
- d) Providing reliable rapid, controlled & transparent test data for quick decision.*
- e) To be a benchmark in quality assurance.*

Quality Policy

*We at **Beacon Infralab India Pvt. Ltd.** are committed to impartiality, maintain good professional practice and build high level of confidence in our valued customers by:*

- g) Providing prompt, reliable, accurate and consistent services in the field of testing by complying with National and International Standards;*
- h) Providing valuable service to the customers in most professional manner using modern technologies/techniques;*
- i) Implementing a management system for achieving quality objectives and overall expectations of customers about quality of error free and technically valid test results;*
- j) Ensuring that all personnel familiarize themselves with management system in order to implement the policies and procedures, professionally and effectively in their work at all times.*

Establishing, Implementing & Maintaining Testing Services in accordance with the international standard ISO/IEC 17025:2017 & continually improving the effectiveness of the management system.

Field of Working & Testing Facilities Available:

- ✓ Infrastructure Material Testing (Laboratory and Field Test).
- ✓ Geotechnical Investigation up to 200m depth.
- ✓ Non Destructive Testing.
- ✓ Field Survey by-Total Station & DGPS.

1. Geotechnical Investigation

S.No	Name of Test	S. No	Name of Test
1	Geotechnical Investigation (up to 200m)	8	Field Density Test
2	Plate Load Test	9	Field CBR Test
3	Strain Modulus, Ev-2	10	*Pile Load Test (Static & Dynamic)
4	Earth Resistivity Test	11	*Dynamic Cone Penetration Test (DCPT)
5	Standard Penetration Test (SPT)	12	*Vane shear Test
6	Cyclic Plate Load Test	13	*Load test of Bridges & Girder
7	Modulus of Subgrade Reaction (k)	14	*Field Permeability Test

2. NDT & Field Test

S.No	Name of Test	S. No	Name of Test
1	Ultra Pulse Velocity (UPV)	5	Carbonation Test
2	Rebound Hammer Test	6	*Core Extraction of RCC Structure Core
3	Half Cell Potential (Corrosion)	7	*Extraction of Bitumen Pavement Core
4	Cover Meter	8	*Extraction of Concrete Pavement

3. Laboratory Test

i) Soil & Rock

S. No	Name of Test	S. No	Name of Test
1	GSA-(Dry/Wet/Pipette/Hydrometer)	10	Atterberg Limits / Shrinkage Limit
2	Direct Shear Test	11	Specific Gravity
3	Triaxial Shear Test	12	Free Swell Index
4	Consolidation Test	13	Compaction Tests (Light & Heavy)
5	California Bearing Ratio (CBR)	14	Sand Equivalent Value
6	Permeability Test	15	Point Load Strength Index of Rock
7	Swelling Pressure Test	16	Strength of Natural Building Stone
8	Unconfined Compression Test (UCS)	17	Porosity of Rock
9	Petrography Examination of Rock	18	Density of Rock

ii) Coarse and Fine Aggregate

S. No	Name of Test	S. No	Name of Test
1	Sieves Analysis (Gradation)	9	Abrasion Value
2	Flakiness Index & Elongation Index	10	Organic Impurities
3	Impact Value & Crushing Value	11	Silt Content of sand
4	Determination of 10% Fineness value	12	Materials Finer than 75 microns
5	Water Absorption & Specific Gravity	13	*Mix Design- Base Course (WMM & GSB)
6	Bulk Density & Voids	14	Petrography Examination
7	Bulking of fine aggregate	15	Sand Equivalent Value
8	Soundness	16	Deleterious Material

iii) Cement

S. No	Name of Test	S. No	Name of Test
1	*Fineness by Dry Sieving method	5	Specific Gravity/Density Test
2	Standard Consistency	6	Blains Air Permeability
3	Initial & Final Setting Time	7	Compressive Strength for 3, 7 & 28 days
4	Soundness by Lech atelie's method	8	

iv) Bitumen

S. No	Name of Test	S. No	Name of Test
1	Penetration	8	Bitumen Emulsion Test (SS & RS)
2	Specific Gravity	9	Binder Content of Bituminous Mixes
3	Softening point	10	Kinematic Viscosity & Absolute viscosity
4	Flash and Fire Point	11	Industrial Viscosity
5	Stripping value of aggregate	12	Loss on Heating
6	Ductility Test	13	*Job Mix Formula -BM,DBM,SDBC & BC (Marshall Method)
7	Marshall Stability Test		

V) Concrete & Concrete Pavement

S. No	Name of Test	S. No	Name of Test
1	Compressive Strength of Concrete Cubes/ Core/ & Blocks	5	Drying Shrinkage & Moisture Concrete
		6	*Mix Designs (Up to M-60)
2	Flexural Strength (Concrete Beam)	7	Fresh Concrete (Air Content, Bleeding, Compaction Factor, Density, Flow test, Loss of work-ability, Slump test, Time of Setting, Water content)
3	Concrete Permeability	8	
4	Tensile splitting Strength	9	

Vi) Steel (M.S. Round Bars, Tor Steel, & All Type of Steel Sections)

S. No	Name of Test	S. No	Name of Test
1	Tensile Strength	4	%of Elongation
2	Yield Stress	5	Bend Test
3	Wt. Per Mtr	6	Rebend Test

Vii) Bricks

S. No	Name of Test	S. No	Name of Test
1	Water absorption	3	Dimensions
2	Efflorescence	4	Compressive Strength

Vii Paver Block

S. No	Name of Test	S. No	Name of Test
1	Flexural Strength	3	Abrasion Resistance
2	Compressive Strength	4	Water absorption

Viii- Cement Concrete Tile

S. No	Name of Test	S. No	Name of Test
1	Wet Transverse Strength	3	Abrasion Resistance
2	Dimensions	4	Water absorption

vi) Chemical Testing

S. No	Name of Test	S. No	Name of Test
1	Steel/Metal by Spectrometer	5	Soil Chemical
2	Cement	6	Aggregate Testing
3	Lime Testing	7	Construction Water Testing
4	Admixture	8	Fly Ash

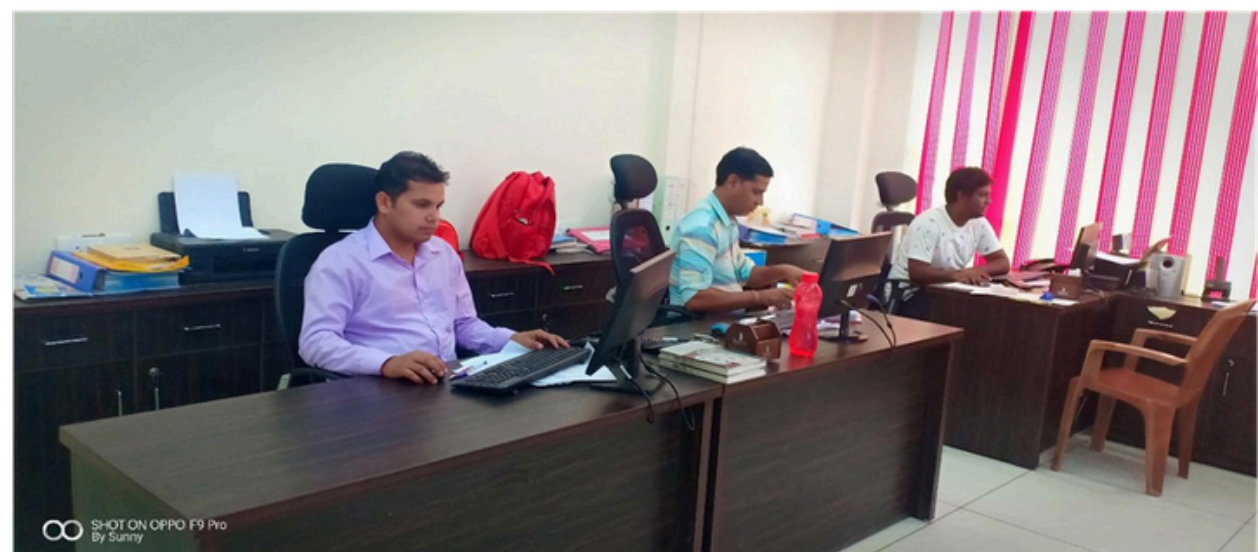
Our Major Testing Equipment

S. No	Name of Equipment
1	Servo Controlled CTM-3000 kN
2	Servo Controlled Universal Tensile Machine-1000 kN
3	Kores- Soil & Rock Drilling Machine (Capacity-200m)
4	EV-2 Apparatus (German)
5	Plate Load Test Assembly
6	Direct Shear & Triaxial Shear test apparatus
7	Spectrometer for Steel Chemical`
8	Furness 15000c
9	Pavement Core Drill Machines

Beacon

Lab Photos's





Live Photo's of Bore Drilling at Shyampur(WCR)



Live Photo's of BoreDrilling at Bhopal



Live Photo's of Bore Drilling at Vidisha (CM Rise School)



**Live Photos of Bore Drilling at Govindpur Police Station
(Multi Story Building)**



Live Photos of ERT Test at Ujjain For Reliance Jio Pump



Live Photos of EV-2 Test At Nishatpura Bhopal
(Latest Machine German Technology)



Live Photo of SPT For WaterSupply System at Bankhedi



Kores Core Drill Machine Capacity-200m



Sample Photo's of Rock Drilling at , Bhopal.

Core Box Photograph



NDT Testing at Different Structure's





Quality Control & Supervision Project For Residential & Commercial Construction



Chemical Section

Chemical Testing for Cement, Soil, Aggregate, Rock, Petrography Analysis,
Construction Water, Lime & Flyash





Spectro Meter For Steel Chemical Testing



Beacon



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

BEACON INFRALAB INDIA PVT. LTD

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

MAHUA HOUSE, A-156, ROHIT NAGAR EXTN., PHASE-2, PART-3, BHOPAL, MADHYA PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-6174

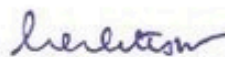
Issue Date: 31/07/2024

Valid Until: 30/07/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: BEACON INFRALAB INDIA PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Certificate of Registration

This is to Certify that
Quality Management System of

BEACON INFRALAB INDIA PVT. LTD.

MAHUA HOUSE A- 156, ROHIT NAGAR EXTENSION, PHASE -II, PART- III OPP. SAGAR
SCHOOL, BHOPAL- 462026, MADHYA PRADESH, INDIA

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

DEALS IN BUILDING MATERIAL TESTING, SOIL INVESTIGATION & RELATED TRAINING
SERVICES.

Certificate No : 23EQJQ42
Initial Registration Date : 14/02/2023
Date of Expiry : 13/02/2026
1st Surve. Due : 14/01/2024

Issuance Date : 14/02/2023
2nd Surve. Due : 14/01/2025



Devendra
Director

Magnitude Management Services Pvt. Ltd.

B-55, Lower Ground Floor, Sector 02, Noida-201301, U.P, India

e-mail: info@mmscertification.com, website: www.mmscertification.com

* Subject to Successful Surveillance Audit and once surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.

Certificate Verification: Please Re-check the validity of certificate on <http://www.mmscertification.com> or www.mmscertification.com as Active Clients.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises



UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

UDYAM-MP-10-0037728

NAME OF ENTERPRISE

M/S BEACON INFRALAB INDIA PRIVATE LIMITED

TYPE OF ENTERPRISE *

S.No.	Date Year	Classification Year	Enterprise Type	Classification Date
1	2020-21	2022-23	Micro	17/10/2022

MAJOR ACTIVITY

TRADING

[For availing benefits of Priority Sector Lending(PSL) ONLY]

SOCIAL CATEGORY OF ENTREPRENEUR

GENERAL

NAME OF UNIT(S)

S.No.	Udyog Aadhaar Memorandum	Unit(s) Name
1	MP10E0040832	BEACON INFRALAB INDIA PRIVATE LIMITED

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	A-156	Name of Premises/ Building	PHASE-II, PART-III
Village/Town	ROHIT NAGAR EXTENTION	Block	ROHIT NAGAR EXTENTION
Road/Street/Lane	OPP. SAGAR PUBLIC SCHOOL	City	bhopal
State	MADHYA PRADESH	District	BHOPAL , Pin 462039
Mobile	9425648357	Email:	beaconinfralab@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

15/03/2015

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS

15/03/2015

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	74 - Other professional, scientific and technical activities	7490 - Other professional, scientific and technical activities n.e.c.	74909 - Other professional, scientific and technical activities n.e.c.	Services

11/24/22, 11:35 AM

Print : Udyam Registration Certificate

DATE OF UDYAM REGISTRATION

17/10/2022

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:- 24/11/2022

For any assistance, you may contact:

1. District Industries Centre: BHOPAL (MADHYA PRADESH)

2. MSME-DFO: INDORE (MADHYA PRADESH)

Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.in



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Beacon

Government of India

Form GST REG-06

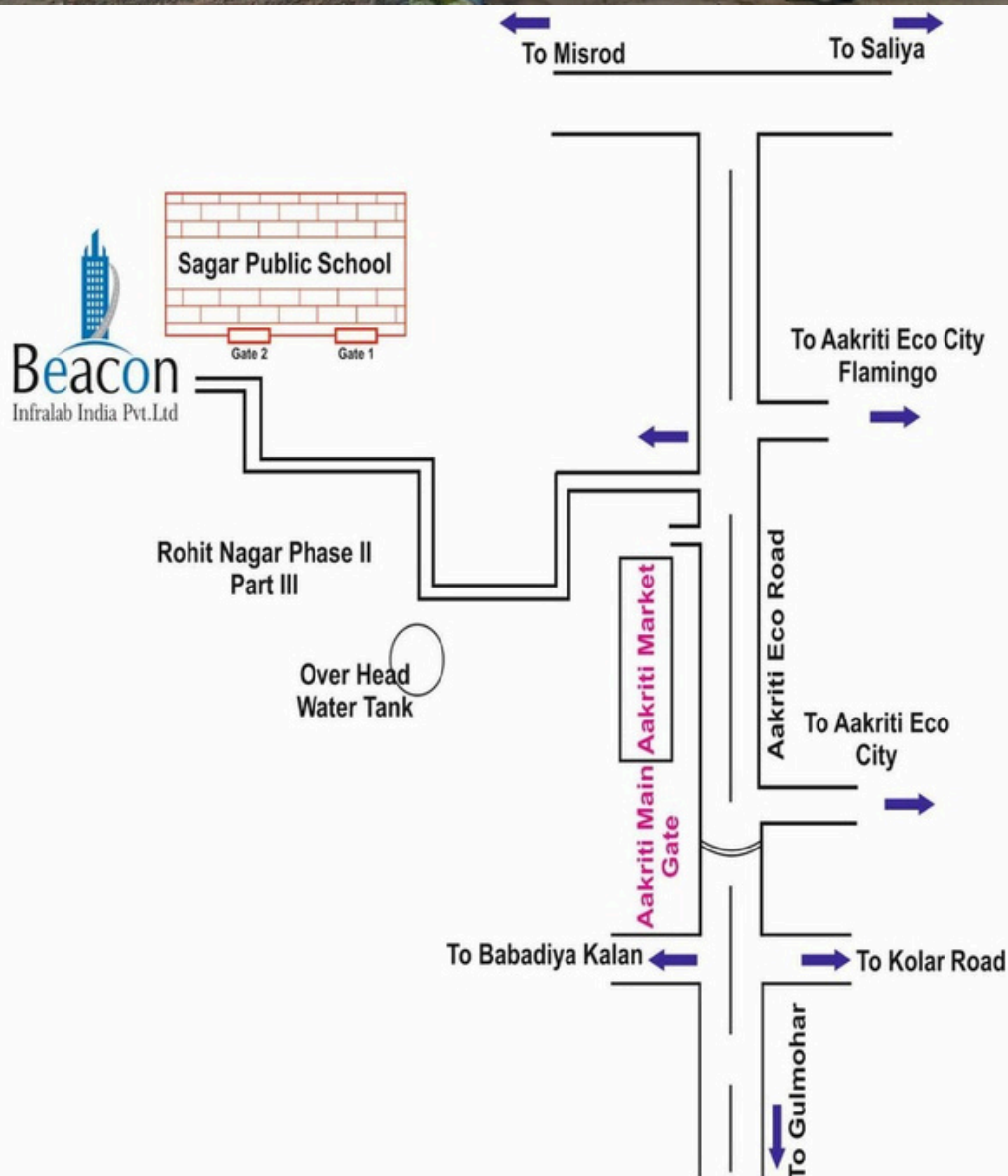
[See Rule 10(1)]

Registration Certificate

Registration Number : 23AAGCB2367J1ZQ

1.	Legal Name	BEACON INFRA LAB INDIA PRIVATE LIMITED		
2.	Trade Name, if any	BEACON INFRA LAB INDIA PRIVATE LIMITED		
3.	Constitution of Business	Private Limited Company		
4.	Address of Principal Place of Business	A/ 156, OPP SAGAR PUBLIC SCHOOL, ROHIT NAGAR , EXTENTION PHASE 2 , PART 3, Bhopal, Madhya Pradesh, 462039		
5.	Date of Liability	01/07/2017		
6.	Period of Validity	From	01/07/2017	To NA
7.	Type of Registration	Regular		
8.	Particulars of Approving Authority			
Signature				
Name				
Designation				
Jurisdictional Office				
9.	Date of issue of Certificate	18/07/2018		
Note: The registration certificate is required to be prominently displayed at all places of business in the State.				

Location of Lab



Services we offer

Geotechnical Investigation up to 200m depth.

Infrastructure Material Testing (Laboratory and Field Test).

Non Destructive Testing.

Road Pavement Survey.

Field Survey by-Total Station & DGPS.

