



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**INFINITY ENGINEERING AND GEOTECHNICAL SERVICES
LLP**

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

PLOT NO -151,G+1, RJD INTEGRATED TEXTILE PARK, SURAT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-12236

Issue Date: 06/11/2023

Valid Until:

12/09/2025

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: INFINITY ENGINEERING AND GEOTECHNICAL SERVICES LLP

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INFINITY ENGINEERING AND GEOTECHNICAL SERVICES LLP, PLOT NO -151,G+1, RJD
INTEGRATED TEXTILE PARK, SURAT, GUJARAT, INDIA

Accreditation Standard

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Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Compressive Strength	IS 6441 (Part-5)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Height)	IS 2185 (Part-3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Length)	IS 2185 (Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Width)	IS 2185 (Part-3)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dry Density	IS 6441 (Part-1)
6	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Moisture Content	IS 6441 (Part-1)
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics Viscosity	IS 1206 (Part-3)
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC-SP-11
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Compacted Density	ASTM-2726
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Flow Test	ASTM D 6927
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability	ASTM D 6927
17	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension (Height)	IS 1077
18	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension (Length)	IS 1077



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19	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension (Width)	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly ash Bricks	Compressive Strength	IS 3495 (Part-1)
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly ash Bricks	Efflorescence	IS 3495 (Part-3)
22	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly ash Bricks	Water Absorption	IS 3495 (Part-2)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting time	IS 4031 (Part-5)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness By Blaine Air Permeability	IS 4031 (Part-2)
26	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
27	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness By Le-Chatelier	IS 4031 (Part-3)
28	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part-4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part-4)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 125 mm to 4.75 mm)	IS 2386 (Part-1)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)



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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
39	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part-4)
40	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part-1, Sec-1)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 microns	IS 2386 (Part-1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10mm, 4.75mm, 2.36mm, 1.18mm, 600micron, 300micron, 150 micron)	IS 2386 (Part-1)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
47	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Final Setting Time	IS 1727
48	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness By Blain Air Permeability	IS 1727
49	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Sieving	IS 1727
50	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
51	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness By Le- Chatelier	IS 1727
52	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Height)	IS 12894
53	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Length)	IS 12894
54	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension (Width)	IS 12894
55	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part-2)



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56	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex-D)
57	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex-C)
58	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part-1)
59	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass per meter	IS 1786
60	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
61	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 (Part-1)
62	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS 1121 (Part-1)
63	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Specific Gravity (Apparent)	IS 1124
64	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
65	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)	IS 2720 (Part-16)
66	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Friction)	IS 2720 (Part-13)
67	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part-13)
68	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
69	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis	IS 2720 (Part-4)
70	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction MDD	IS 2720 (Part-8)
71	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS 2720 (Part-8)
72	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS 2720 (Part-7)
73	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 (Part-7)
74	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)



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75	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
76	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity- Coarse Grain Soil	IS 2720 (Part-3, Sec-2)
77	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity-Fine Grained Soil	IS 2720 (Part-3, Sec-1)
78	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear test (UU) - Angle of Friction	IS 2720 (Part-11)
79	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear test (UU) - Cohesion C	IS 2720 (Part-11)



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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density (Core Cutter)	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density (Sand Replacement)	IS 2720 (Part-28)
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 516 (Part-5, Sec-4)
4	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part-5, Sec-1)