National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VEDANSHI MULTI GEO CONSULTANCY LLP, MATERIAL TESTING LABORATORY, SURVEY NO. 224, GODOWN NO. 51, NEW MARKET YARD, VILLAGE BAJKOT, MODASA-SAMLAJI HIGHWAY, MODASA, ARVALLI, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 17/02/2023 to 16/02/2025 **Last Amended on** -

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	AAC Blocks	Compressive Strength	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension - Breadth	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension - Height	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension - Length	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dry Density	IS 6441 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
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	Bituminous Mix	Binder Content	ASTM D2172
14	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Compacted Density	ASTM D2726
15	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D6927
16	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
17	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks / Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks / Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks / Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
27	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value	IS 2386 (Part 4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (90 mm to 4.75 mm)	IS 2386 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness by Sodium Sulphate	IS 2386 (Part 5)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)

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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	Dimensions - Height	IS 1077
40	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	Dimensions - Length	IS 1077
41	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	Dimensions - Width	IS 1077
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 µm	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10 mm to 150 µm)	IS 2386 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
47	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199
48	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516 (Part 1/Section 1)
49	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
51	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked)	IS 2720 (Part 16)
52	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Unsoaked)	IS 2720 (Part 16)
53	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (CC)	IS 2720 (Part 15)
54	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (for soil up to 4.75 mm) Phi	IS 2720 (Part 13)
55	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Cohesion (for Soil up to 4.75 mm)	IS 2720 (Part 13)
56	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)

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57	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (90 mm to 75 µm)	IS 2720 (Part 4)
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
59	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
60	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
61	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
62	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cone Penetration Method (Atterberg's Limits)	IS 2720 (Part 5)
63	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit (Atterberg's Limits)	IS 2720 (Part 5)
64	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
65	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
66	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
67	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density by Core Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil	Field dry Density by Sand Replacement Method	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Content by Core Cutter	IS 2720 (Part 29)
4	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Content by Sand Replacement Method	IS 2720 (Part 28)
5	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131