National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : OM GEOTECH & TESTING SERVICES, PLOT NO 197, OLD SHIV NAGAR, TALAJA ROAD, BHAVNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6935 **Page No** 1 of 3

Validity 15/06/2022 to 14/06/2024 **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	CHEMICAL- WATER	Construction Water	Chloride (as Cl)	IS 3025 (Part 32)
2	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part-11)
3	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part 24)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	10 Perecent Fines	IS 2386 (Part 4)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Elongation Index	IS 2386(Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Flakiness Index	IS 2386(Part -1)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis (Sieve Size: 150 micron to 10 mm)	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Crushing Value	IS 2386(Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Impect Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Sieve Analysis (Sieve Size: 4.75 mm to 80 mm)	IS 2386(Part-1)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Specific Gravity	IS 2386(Part-3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Water Absorption	IS 2386(Part-3)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Specific Gravity	IS 2386(Paart-3)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Water Absorption	IS 2386(Part-3)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205

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20	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Binder content	IRC SP 11
21	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Flow Value	ASTM D 6927
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Marshall Stability	ASTM D 6927
23	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive strength	IS 3495 (Part-1)
24	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimensions	IS 1077
25	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Brick	Water absorption	IS 3495 (Part-2)
27	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
28	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part-11)
29	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031(Part-5)
30	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain's Air Permeabillity	IS 4031 (Part-2)
31	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031(Part-5)
32	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness By Lechatlier	IS 4031 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031(Part -4)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/ Section 1)
35	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability of Fresh Concrete	IS 1199 (Part 2)
36	MECHANICAL- BUILDINGS MATERIALS	HIGH STRENGTH DEFORMED STEEL BAR	% Elongation	IS 1608 (Part-1)
37	MECHANICAL- BUILDINGS MATERIALS	HIGH STRENGTH DEFORMED STEEL BAR	Ultimate Tensile strength	IS 1608 (Part-1)
38	MECHANICAL- BUILDINGS MATERIALS	HIGH STRENGTH DEFORMED STEEL BAR	Weight in Kg per meter	IS 1786

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39	MECHANICAL- BUILDINGS MATERIALS	HIGH STRENGTH DEFORMED STEEL BAR	Yield stress	IS 1608 (Part-1)
40	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks, Paver Blocks	Compressive Strength	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks, Paver Blocks	Water absorption	IS 15658
42	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720(Part 16)
43	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size: 0.075 mm to 4.75 mm)	IS 2720 (Part 4)
44	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720(Part 5)
45	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720(Part 5)
46	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720(Part 3)
47	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
48	MECHANICAL- SOIL AND ROCK	Soil	Water Content- Dry Density relation using Heavy Compaction (Maximum Dry Density)	IS 2720(Part 8)
49	MECHANICAL- SOIL AND ROCK	Soil	Water Content- Dry Density relation using Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part-8)
50	MECHANICAL- SOIL AND ROCK	Soil	Water Content- Dry Density relation using Light Compaction (Optimum Moisture Content)	IS 2720 (Part-7)
51	MECHANICAL- SOIL AND ROCK	Soil	Water Content-Dry density relation using light Compaction (Maximum Dry Density)	IS 2720 (Part 7)