National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : OM GEO TECH SERVICES, NADIAD, NADIAD-DABHAN ROAD, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8726 **Page No** 1 of 4

Validity 06/01/2022 to 05/01/2024 **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	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Abrasion Value - Los Angeles	IS 2386 (Part 4)
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Crushing Value	IS 2386 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Elongation Index	IS 2386 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Flakiness Index	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Impact Value	IS 2386 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Sieve Analysis (90 mm to 4.75 mm)	IS 2386 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Specific Gravity	IS 2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Water Absorption	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Material Finer than 75 Micron	IS 2386 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Sieve Analysis (0.075 mm to 10 mm)	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Specific Gravity	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Water Absorption	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202

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19	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder content	IRC SP-11 Appendix 5 Clause C
20	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726
21	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
23	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Compressive Strength	IS 3495 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Dimensions - Height Burnt Clay Bricks	IS 1077
25	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Dimensions - Length Burnt Clay Bricks	IS 1077
26	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Dimensions - Width Burnt Clay Bricks	IS 1077
27	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Efflorescence	IS 3495 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/flyash)	Water Absorption	IS 3495 (Part 2)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive Strength	IS 4031 (Part 6)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting Time	IS 4031 (Part 5)
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part 5)
33	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Standard Consistency	IS 4031 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength - Cube	IS 516
36	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength - Beam	IS 516
37	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS: 15658 Annex D

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38	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS: 15658 Annex C
39	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	0.2% Proof Stress	IS 1608 (Part 1)
40	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Bend Test	IS 1599
41	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Elongation	IS 1608 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Mass per meter	IS 1786
43	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Re-bend Test	IS 1786
44	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Tensile Strength	IS 1608 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bar	Yield Stress	IS 1608 (Part 1)
46	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
47	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Cc)	IS 2720 (Part 15)
48	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Pc)	IS 2720 (Part 15)
49	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained) - Angle of Shearing Resistance	IS 2720 (Part 13)
50	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained) - Cohesion	IS 2720 (Part 13)
51	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
52	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Analysis) (0.075 to 4.75 mm)	IS 2720 (Part 4)
53	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
54	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
55	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
56	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)

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57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cone Penetrometer	IS 2720 (Part 5)
58	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
59	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
60	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)