National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGNS AND RESEARCH PVT LTD, 8528, WHITE HOUSE, MISSION ROAD, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6309 **Page No** 1 of 3

Validity 26/12/2021 to 25/12/2023 **Last Amended on** 07/04/2022

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	Water	Chloride	IS 456/IS 3025 (Part 32)
2	CHEMICAL- WATER	Water	pH	IS 456/IS 3025 (Part 11)
3	CHEMICAL- WATER	Water	Sulphate	IS 456/IS 3025 (Part 24)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Silt Content - Material Finer than 75 micron	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	10 Percent Fine Value	IS 2386 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Elongation Index	IS 2386 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Flakiness Index	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Impact Value	IS 2386 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Size and Grading	IS 2386 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Specific Gravity	IS2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Water Absorption	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Size & Grading	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Specific Gravity	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Water Absorption	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity poises	IS 1206
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity @60 degree Celsius	IS 1206
18	MECHANICAL- BUILDINGS MATERIALS	Bitumin	Penetration Test	IS 1203
19	MECHANICAL- BUILDINGS MATERIALS	Bitumin	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	Density	ASTM D 2726
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow	ASTM D 6927
23	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Stability	ASTM D 6927
24	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495(Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Height	IS 1077
26	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Length	IS 1077
27	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Width	IS 1077
28	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031(Part-6)
31	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031(Part 11)
32	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031(Part 5)
33	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain's Air Permeability	IS 4031(Part 2)
34	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031(Part-5)
35	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier	IS 4031 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031(Part 4)
37	MECHANICAL- BUILDINGS MATERIALS	concrete	Compressive Strength of Hardened Concrete	IS 516
38	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability of Fresh Concrete (Slump)	IS 1199

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39	MECHANICAL- BUILDINGS MATERIALS	Pre--casted blocks	Compressive Strength	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Pre-Cast Blocks	Water Absorption	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Ultimate Tensile Test	IS 1608 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel HSDS Bar	Yield Stress	IS 1608 (Part 1)
43	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel HSDS Bar & Structural Steel	Elongation	IS 1608 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel HSDS Bar & Structural Steel	Mass per meter run	IS 1786
45	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
46	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
47	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
48	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
49	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
50	MECHANICAL- SOIL AND ROCK	soil	liquid limit	IS 2720 (part 5)
51	MECHANICAL- SOIL AND ROCK	soil	Plastic Limit	IS 2720 (Part 5)
52	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS 2720 (Part 4)