National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGN AND RESEARCH PVT. LTD., PLOT NO. 10, VALMIKINAGAR, LOTUS COLONY, BHUJ, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6974 **Page No** 1 of 3

Validity 06/03/2022 to 05/03/2024 **Last Amended on** 14/06/2022

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 for construction purpose	Chloride	IS 3025 Part-32
2	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part-11
3	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 Part-24
4	MECHANICAL- BUILDINGS MATERIALS	Workability of Fresh Concrete	Slump Test	IS 1199
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis	IS 2386 Part-1
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Water Absorption	IS 2386 Part-3
7	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	10 Percent Fine Value	IS 2386 Part-4
8	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Elongation Index	IS 2386 Part-1
9	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Flakiness Index	IS 2386 Part -1
10	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Impact Value	IS 2386 Part-4
11	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Sieve Analysis	IS 2386 Part-1
12	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Specific gravity	IS 2386 Part-3
13	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Water Absorption	IS 2386 Part-3
14	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Specific Gravity	IS 2386 Part-3
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS1203
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205

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20	MECHANICAL- BUILDINGS MATERIALS	Bitumenous Mix	Flow Value Test	ASTM D 6927
21	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
22	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 Part-1
23	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
24	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
25	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions (Length)	IS 1077
26	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 Part-3
27	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part-2
28	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 Part-6
29	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 Part-11
30	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 Part-5
31	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain's Air Permeability	IS 4031 Part-2
32	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting Time	IS 4031 Part-5
33	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier	IS 4031 Part-3
34	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 Part-4
35	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
36	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 Part-1
37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass Per Meter Run	IS 1786
38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Stress	IS 1608 Part-1

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39	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 Part 1
40	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's (liquid Limit)	IS 2720 Part-5
41	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's (Plastic Limit)	IS 2720 Part-5
42	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part-16
43	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 Part-8
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 Part-8
45	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum Dry Density)	IS 2720 Part-7
46	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Optimum Moisture Content)	IS 2720 Part 7
47	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Wet Sieving	IS 2720 Part-4