National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE- A DIVISION OF GEO DESIGNS & RESEARCH PVT. LTD., PLOT NO. 34-35, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8161 **Page No** 1 of 4

Validity 19/01/2023 to 18/01/2025 **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	CHEMICAL- WATER	Water	Chloride	IS 3025 Part- 32
2	CHEMICAL- WATER	Water	pH	IS 3025 Part-11
3	CHEMICAL- WATER	Water	Sulphate	IS 3025 Part- 24
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS1203
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point (R&B)	IS 1205
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
19	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)

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20	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value (By Los Angeles Machine)	IS 2386 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 80 mm)	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Fibe Aggregate	Sieve Analysis (0.15 to 10 mm)	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	FLY ASH BRICKS	Compressive strength test	IS 3495 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	FLY ASH BRICKS	Dimension	IS 1077
37	MECHANICAL- BUILDINGS MATERIALS	FLY ASH BRICKS	Efflorescence	IS 3495 (P-3)
38	MECHANICAL- BUILDINGS MATERIALS	FLY ASH BRICKS	Water Absorption	IS 3495 : (P-2)

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39	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability by Slump	IS 1199 (Part 2)
40	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Cube	IS 516
41	MECHANICAL- BUILDINGS MATERIALS	NON-DESTRUCTIVE BUILDING MATERIALS-REINFORCED CEMENT CONCRETE	REBOUND HAMMER	IS 516 (Part 5, Sec 4)
42	MECHANICAL- BUILDINGS MATERIALS	Pre-cast concrete blocks, paver block	Compressive strength test	IS 15658, IS 2185 (P-1)
43	MECHANICAL- BUILDINGS MATERIALS	Pre-cast concrete blocks, paver block	Dimensions	IS 15658
44	MECHANICAL- BUILDINGS MATERIALS	Pre-cast concrete blocks, paver block	Water absorption	IS 15658
45	MECHANICAL- BUILDINGS MATERIALS	Reinforced steel	Bend test	IS 1599
46	MECHANICAL- BUILDINGS MATERIALS	Reinforced Steel	Re-bend test	IS 1786
47	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
48	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass Per Meter Run	IS 1786
49	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Tensile Strength	IS 1608 (Part 1)
50	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 (Part 1)
51	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
52	MECHANICAL- SOIL AND ROCK	soil	Dry Density by core cutter method	IS 2720 (P-29)
53	MECHANICAL- SOIL AND ROCK	soil	free swell index	IS 2720 (Part-40)
54	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS 2720 (Part 4)
55	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
56	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Heavy Compaction	IS 2720 (Part 8)
57	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Light Compaction	IS 2720 (Part 7)

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58	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Heavy Compaction	IS 2720 (Part 8)
59	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Light Compaction	IS 2720 (Part 7)
60	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)