National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGNS & RESEARCH PVT. LTD., C1/B32, GIDC, SISODRA, NAVSARI, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8299 **Page No** 1 of 3

Validity 31/03/2023 to 30/03/2025 **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	Construction Water	Chloride	IS 3025 (Part-32)
2	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part-11)
3	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part-24):Sec 1
4	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Elongation Index	IS 2386 (Part-1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Flakiness Index	IS 2386 (Part-1)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Impact Value	IS 2386 (Part-4)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Sieve Analysis(4.75mm to 80mm)	IS 2386 (Part-1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Specific Gravity	IS 2386 (Part-3)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Ten Percent Fine Value	IS 2386 (Part-4)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	Water Absorption	IS 2386 (Part-3)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Sieve Analysis(0.15 to 10mm)	IS 2386 (Part-1)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Specific Gravity	IS 2386 (Part-3)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Water Absorption	IS 2386 (Part-3)
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part-2)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility at 25°C	IS 1208
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part-3)
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point (R&B)	IS 1205
19	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Value	ASTM D 6927

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Certificate Number TC-8299 **Page No** 2 of 3

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20	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Compressive Strength	IS 3495 (Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Height)	IS 1077
23	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Length)	IS 1077
24	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Width)	IS 1077
25	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence	IS 3495 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 (Part-2)
27	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive Strength	IS 4031 (Part-6)
28	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Density	IS 4031 (Part-11)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting Time	IS 4031 (Part-5)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by Blain Air Permeability	IS 4031 (Part-2)
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part-5)
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness by Lecharilier Method	IS 4031 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Standard Consistency	IS 4031 (Part-4)
34	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump (Workability)	IS 1199 (Part-2)
35	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength	IS 516
36	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for Concrete Reinforcement	Elongation	IS 1608 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for Concrete Reinforcement	Mass per Meter	IS 1786
38	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for Concrete Reinforcement	Ultimate Tensile Stress	IS 1608 (Part 1)

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39	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for Concrete Reinforcement	Yield Stress	IS 1608 (Part 1)
40	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Light Compaction	IS 2720 (Part-7)
41	MECHANICAL- SOIL AND ROCK	Soil	California Baring Ratio	IS 2720 (Part-16)
42	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Wet Sieving	IS 2720 (Part-4)
43	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
44	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Heavy Compaction	IS 2720 (Part-8)
45	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Heavy Compaction	IS 2720 (Part-8)
46	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Light Compaction	IS 2720 (Part-7)
47	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)