National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGNS & RESEARCH PRIVATE LIMITED, PLOT NO. 101/1/2, GIDC, SECTOR-28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8182 **Page No** 1 of 3

Validity 30/03/2023 to 29/03/2025 **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)
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	IS 1203
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
11	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Dimension (Height)	Is 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Dimension (Length)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Dimension (Width)	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks, Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part 4)
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGNS & RESEARCH PRIVATE LIMITED, PLOT NO. 101/1/2, GIDC, SECTOR-28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8182 **Page No** 2 of 3

Validity 30/03/2023 to 29/03/2025 **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
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Gradation) (EIE)	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Gradation) (Soil Lab)	IS 2836 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability (Slump)	IS 1199 Part 2
29	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
30	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Density	IS 4031 (Part 11)
31	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Final Setting Time	Is 4031 (Part 5)
32	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
33	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Initial Setting Time	IS 4031 (Part 5)
34	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Soundness by Le Chatlier	IS 4031 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC 53 Grade	Standard Consistency	IS 4031 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass Per Meter	IS 1786
37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 Part 1
38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Stress	IS 1608 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : GEO TEST HOUSE - A DIVISION OF GEO DESIGNS & RESEARCH PRIVATE LIMITED, PLOT NO. 101/1/2, GIDC, SECTOR-28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8182 **Page No** 3 of 3

Validity 30/03/2023 to 29/03/2025 **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
39	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 Part 1
40	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 6)
41	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS2720 (Part 4)
42	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
43	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
44	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
45	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
46	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
47	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)