National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO SIGN ENGINEERING SERVICES, GSES HOUSE, POST OFFICE STREET, TEEN BATTI, JAMNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10010 **Page No** 1 of 3

Validity 18/10/2021 to 17/10/2023 **Last Amended on** 26/06/2023

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	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495(PART 1)
2	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Length)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorance	IS 3495(PART 3)
6	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (PART 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 (PART 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (PART 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (PART 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Test	IS 2386 (PART 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (PART 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Gradation	IS 2386 (PART 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (PART 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386(PART 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(PART 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(PART 3)
17	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (PART 3)

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Certificate Number TC-10010 **Page No** 2 of 3

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Gradation	IS 2386 (PART 1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386(PART 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386(PART 3)
22	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compresive Strength (168 + 2 hr)	IS 4031 (PART 6)
23	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (672 + 4 hr)	IS 4031(PART 6)
24	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (72 + 1 hr)	IS 4031 (PART 6)
25	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Consistency	IS 4031 (PART 4)
26	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Density	IS 4031(Part - 11)
27	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness by Le Chatelier Method	IS 4031 (PART 3)
28	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Height)	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area	IS 15658
33	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
34	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (PART 16)
35	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet and dry sieve)	IS 2720(PART 4)
36	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(MDD)	IS 2720 (PART 8)
37	MECHANICAL- SOIL AND ROCK	SOIL	Heavy Compaction(OMC)	IS 2720(PART 8)

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Validity	18/10/2021 to 17/10/2023	**Last Amended on**	26/06/2023

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38	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (PART 7)
39	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (PART 7)
40	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (PART 5)
41	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (PART 5)
42	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (PART 6)