National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO MEDIA ENGINEERING AND CONSULTANCY SERVICES PRIVATE LIMITED (MECHANICAL TESTING LABORATORY), SRS/B13/04505, STREET NO. 4A, FRIENDS COLONY, SIRSA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11674 **Page No** 1 of 5

Validity 24/05/2023 to 23/05/2025 **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	MECHANICAL- BUILDINGS MATERIALS	Bituminous Course	Bitumen Extraction	IRC SP 11
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Height	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Length	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Width	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (Dry Sieving)	IS 4031 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness	IS 4031 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (63mm to 2.36mm)	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1, Section 1)
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Abrasion Resistance	IS 15658
25	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Compressive Strength	IS 15658
26	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Deviation from Squareness	IS 15658
27	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Length & Width	IS 15658
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Plan Area and Wearing Surface Area	IS 15658
29	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Thickness	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Water Absorption	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer Than 75 microns	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10mm to 0.075mm)	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Impact Value	IS 2386 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Sieve Analysis (75mm to 0.075mm)	IS 2386 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Combined Flakiness & Elongation	IS 2386 (Part 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 (Part 4)
39	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Los Angeles Abrasion value	IS 2386 (Part 4)
40	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
41	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
42	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (53mm to 0.075mm)	IS 2386 (Part 1)
43	MECHANICAL- SOIL AND ROCK	Granular Sub Base	California Bearing Ratio	IS 2720 (Part 16)
44	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Liquid Limit (Casagrande's Method)	IS 2720 (Part 5)
45	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
46	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
47	MECHANICAL- SOIL AND ROCK	Soil	Bulk Density	IS 2720 (Part 8)
48	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
49	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test Undrained (Angle of Friction F')	IS 2720 (Part 13)
50	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test Undrained (Cohesion C')	IS 2720 (Part 13)
51	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
52	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Casagrande's Method)	IS 2720 (Part 5)
53	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
54	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
55	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
56	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)

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57	MECHANICAL- SOIL AND ROCK	Soil	Permeability (Constant Head Method)	IS 2720 (Part 17)
58	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
59	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
60	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (4.75mm to 0.075mm)	IS 2720 (Part 4)
61	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
62	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
63	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Liquid limit (Casagrande's method)	IS 2720 (Part 5)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Pile	Lateral Load Test	IS 2911 (Part 4)
2	MECHANICAL- SOIL AND ROCK	Pile	Pull Out Test	IS 2911 (Part 4)
3	MECHANICAL- SOIL AND ROCK	Pile	Vertical Load Test (Compression)	IS 2911 (Part 4)
4	MECHANICAL- SOIL AND ROCK	Soil	In situ Dry Density (Core Cutter Method)	IS 2720 (Part 29)
5	MECHANICAL- SOIL AND ROCK	Soil	Modulus of Subgrade Reaction (K-value)	IS 9214
6	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
7	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
8	MECHANICAL- SOIL AND ROCK	Soil/ Granular Sub Base/ Wet Mix Macadam/ Water Bond Macadam	In situ Density (Sand Replacement Method)	IS 2720 (Part 28)