National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MOUNT GEO TECHNICAL SERVICES PVT. LTD., 03, WATHOORA BATAPORA,CHADOORA, BUDGAM, JAMMU AND KASHMIR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9502 **Page No** 1 of 4

Validity 04/05/2023 to 03/05/2025 **Last Amended on** 30/05/2023

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/ Burnt Clay Bricks	Compressive Strength	IS 3495 P-1
2	MECHANICAL- BUILDINGS MATERIALS	Brick/ Burnt Clay Bricks	Dimensions	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks/ Burnt Clay Bricks	Efflorescence	IS:3495 P-3
4	MECHANICAL- BUILDINGS MATERIALS	Bricks/ Burnt Clay Bricks	Water Absorption	IS 3495 P-2
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Cement Consistency	IS:4031 P-4
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness	IS:4031 P-1
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value	IS:2386 P-4
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 P-4
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 P-1
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 P-1
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 P-4
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (100 mm, 80 mm, 75 mm, 63 mm,53 mm, 50 mm, 40 mm, 31.5 mm, 26.5 mm, 25 mm, 20 mm, 19 mm, 16 mm, 12.5 mm, 10 mm, 9.5 mm, 6.3 mm, 5.6 mm, 4.75 mm)	IS 2386 P-1
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS:2386 P-3
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 P-3
15	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive Strength	IS 516 Part 1 Sec. 1
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 P-3

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Certificate Number	TC-9502	**Page No**	2 of 4
Validity	04/05/2023 to 03/05/2025	**Last Amended on**	30/05/2023

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17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (4.75 mm,3.35 mm, 2.36 mm, 1.70 mm, 1.18 mm, 800 microns, 600 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns)	IS:2386 P-1
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 P-3
19	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial C value	IS:13047
20	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial C Value	IS:13047
21	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial ø Value	IS:13047
22	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial ø Value	IS:13047
23	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Tensile Test	IS 10082
24	MECHANICAL- SOIL AND ROCK	Rock	Compressive Strength	IS 9143
25	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	IS 8764
26	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS13030
27	MECHANICAL- SOIL AND ROCK	Rock	Triaxial C value	IS:13047
28	MECHANICAL- SOIL AND ROCK	Rock	Triaxial ø Value	IS 13047
29	MECHANICAL- SOIL AND ROCK	Rock	Unit Weight	IS 13030
30	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
31	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS:2720 P-16
32	MECHANICAL- SOIL AND ROCK	Soil	Consolidation test (Cv)	IS:2720 P-15
33	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear c value test	IS 2720 P-13

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Certificate Number	TC-9502	**Page No**	3 of 4
Validity	04/05/2023 to 03/05/2025	**Last Amended on**	30/05/2023

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34	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test ø Value	IS 2720 P-13
35	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS:2720 P-40
36	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS:2720 P-4
37	MECHANICAL- SOIL AND ROCK	soil	Heavy Compaction MDD	IS:2720 -8
38	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS 2720 P 8
39	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS:2770 P-7
40	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 P 7
41	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 P-5
42	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS:2720 P-5
43	MECHANICAL- SOIL AND ROCK	soil	Specific Gravity	IS 2720 P-3 SEC 1
44	MECHANICAL- SOIL AND ROCK	Soil	Tri axial test C value (UU)	IS:2720 P-11
45	MECHANICAL- SOIL AND ROCK	soil	Tri axial test ø value (UU)	IS:2720 P-11
46	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression test	IS 2720 P-10
47	MECHANICAL- SOIL AND ROCK	Soil	Vane Shear test	IS 2720 P-30
48	MECHANICAL- SOIL AND ROCK	soil	Water Content	IS 2720 P-2

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Site Facility				
1	MECHANICAL- SOIL- FIELD	Soil Feild	Plate Load Test	IS 1888
2	MECHANICAL- SOIL- FIELD	Soil Field	Standard Penetration Test	IS 2131