National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN GEOTECHNICAL SERVICES, TESTING LABORATORY, PLOT/KHASRA NO. 607, VILLAGE DERA MANDI, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6519 **Page No** 1 of 3

Validity 14/10/2021 to 13/10/2023 **Last Amended on** 14/01/2022

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	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	Is 2386 (Part 4)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
14	MECHANICAL- SOIL AND ROCK	Rock	Density Test	IS 13030
15	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity	IS 9221
16	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content	IS 13030
17	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
18	MECHANICAL- SOIL AND ROCK	Rock	Poisson's Ratio	IS 9221

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19	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
20	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Test	IS 10050
21	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1122
22	MECHANICAL- SOIL AND ROCK	Rock	Strength of Rock Materials in Triaxial Compression	IS 13047
23	MECHANICAL- SOIL AND ROCK	Rock	Strength of Rock Materials in Triaxial Compression	IS 13047
24	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength (Brazilian Test)	IS 10082
25	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
26	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
27	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (PART 6)
28	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 (PART 16)
29	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (PART 15)
30	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (PART 13)
31	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (PART 13)
32	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (PART 40)
33	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry & Wet Sieving)	IS 2720 (PART 4)
34	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Test	IS 2720 (PART 8)
35	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Test	IS 2720 (PART 8)
36	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (PART 4)
37	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction Test	IS 2720 (PART 7)

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38	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction Test	IS 2720 (PART 7)
39	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (PART 5)
40	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
41	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test (Falling Head Test)	IS 2720 (PART 17)
42	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (PART 5)
43	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (PART 3) Sec 1
44	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (PART 41)
45	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test	IS 2720 (PART 11)
46	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test	IS 2720 (Part 11)
47	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test	IS 2720 (Part 12)
48	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test	IS 2720 (PART 12)
49	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (PART 10)