National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOTECH ENGINEERING SERVICES, PLOT NO. F-111, PHASE VII, INDUSTRIAL AREA, SECTOR-73, MOHALI, S.A.S. NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7798 **Page No** 1 of 4

Validity 18/01/2021 to 17/01/2023 **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	Bitumen Mix	Bitumen Extraction Test	IRC SP-11- Appx 5
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Flow	ASTM D6927
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen mix	Marshall Stability	ASTM D6927
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Penetration	IS 1201 to 1220
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Pt I)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Pt III)
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Pt II)
9	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Pt.2
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Pt. IV)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Pt. III)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Pt IV)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness & Elongation Index	IS 2386 (Pt. I)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Test	IS 2386 (Pt IV)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (Pt-I)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness Test	IS 2386 (Pt. V)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386- Pt.III
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Pt-III)

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19	MECHANICAL- BUILDINGS MATERIALS	Cubes/Cores/Beams	Compressive Strength/Flexural Strength	IS 516
20	MECHANICAL- BUILDINGS MATERIALS	Doors and Windows Timber Frames	Moisture Content	IS 11215
21	MECHANICAL- BUILDINGS MATERIALS	Fine Agggregates	Specific Gravity	IS 2386 (Pt.III)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Pt.III)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Estimation of Deleterious Materials and Organic Impurities	IS 2386 Pt.2
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 (Pt.I)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS 2386
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Pt.III)
27	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199
28	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC/PSC	Compressive Strength	IS 4031 Pt.6
29	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC/PSC	Normal Consistency	IS 4031 Pt.4
30	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC/PSC	Soundness	IS 4031 Pt.3
31	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Density	IS 2380 Pt-III
32	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Water Absorption	IS 2380 Pt. XVI
33	MECHANICAL- BUILDINGS MATERIALS	Particle Board and Timber	Moisture Content	IS 2380 Pt.III
34	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Abrasion Test	IS 15658
35	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
36	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658

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37	MECHANICAL- BUILDINGS MATERIALS	Plain and Ribbed Rebars - 8mm to 50mm	% Elongation	IS 1608 Pt.1
38	MECHANICAL- BUILDINGS MATERIALS	Plain and Ribbed Rebars - 8mm to 50mm	Bend / Rebend Test	IS 1599
39	MECHANICAL- BUILDINGS MATERIALS	Plain and Ribbed Rebars - 8mm to 50mm	Nominal Mass	IS 1786
40	MECHANICAL- BUILDINGS MATERIALS	Plain and Ribbed Rebars - 8mm to 50mm	UTS	IS 1608 Pt.1
41	MECHANICAL- BUILDINGS MATERIALS	Plain and Ribbed Rebars - 8mm to 50mm	Yeild Strength	IS 1608 Pt.1
42	MECHANICAL- BUILDINGS MATERIALS	PPC/OPC/PSC	Setting Times	IS 4031 Pt.5
43	MECHANICAL- BUILDINGS MATERIALS	Wood Samples	Density	IS 2380 (Pt.III)
44	MECHANICAL- SOIL AND ROCK	Soil	Core Cutter Test - Field Compaction	IS 2720 Pt.29
45	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
46	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 Pt.4
47	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Pt.5
48	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction Test - Max. Dry Density	IS 2720 Pt.8
49	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction Test - OMC	IS 2720 Pt.8
50	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Pt.5
51	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction Test - Dry Density	IS 2720 Pt.7
52	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction Test - OMC	IS 2720 Pt.7
53	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Pt.3
54	MECHANICAL- SOIL AND ROCK	Soil/Granular Material	Alcohol Test for Water Content Determination	IS 2720 Pt.2
55	MECHANICAL- SOIL AND ROCK	Soil/Granular Material	Sand Replacement Test- Field Compaction	IS 2720 Pt.28

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56	MECHANICAL- SOIL AND ROCK	Soils	CBR	IS 2720 Pt. 16
57	MECHANICAL- SOIL AND ROCK	Soils	pH Value	IS 2720 Pt.26