National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOTECH ENGINEERS AND CONSULTANTS, MARIA NIWAS, NEW SHIMLA, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7454 **Page No** 1 of 3

Validity 25/08/2021 to 24/08/2023 **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	PENETRATION TEST	IS 1203
2	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SOFTENING POINT	IS 1205
3	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX/CORE	BITUMEN CONTENT	IRC SP-11
4	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX/CORE	DENSITY	ASTM D 2726
5	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX/CORE	MARSHAL FLOW VALUE	ASTM D 6927
6	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX/CORE	MARSHAL STABILITY	ASTM D 6927
7	MECHANICAL- BUILDINGS MATERIALS	BRICKS	COMPRESSIVE STRENGTH	IS 3495 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	BRICKS	DIMENSION (HEIGHT)	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	BRICKS	DIMENSION (LENGTH)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	BRICKS	DIMENSION (WIDTH)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	BRICKS	EFFLORESCENCE	IS 3495 (Part 3):
12	MECHANICAL- BUILDINGS MATERIALS	BRICKS	WATER ABSORPTION	IS 3495 (Part 2)
13	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	COMPRESSIVE STRENGTH	IS 4031 (Part 6)
14	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	CONSISTENCY	IS 4031 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	FINAL SETTING TIME	IS 4031 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	FINENESS (by Blaine's Air Permeability Method)	IS 4031 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	INITIAL SETTING TIME	IS 4031 (Part 5)
18	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC/PPC)	SOUNDNESS (by Autoclave Method)	IS 4031 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	CEMENT(OPC/PPC)	SOUNDNESS (by Le-Chatelier Method)	IS 4031 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SIEVE ANALYSIS	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CORE	COMPRESSIVE STRENGTH	IS 516 (Part 4)
29	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CUBE	COMPRESSIVE STRENGTH	IS 516
30	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGTAE	WATER ABSORPTION	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCK	COMPRESSIVE STRENGTH	IS 15658
35	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCK	WATER ABSORPTION	IS 15658
36	MECHANICAL- SOIL AND ROCK	SOIL	CBR VALUE	IS 2720 (Part 16)
37	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS	IS 2720 (Part 4)

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38	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION TEST-MDD	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION TEST-OMC	IS 2720 (Part 8)
40	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION TEST-MDD	IS 2720 (Part 7)
41	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION TEST-OMC	IS 2720 (Part 7)
42	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 (Part 5)
44	MECHANICAL- SOIL AND ROCK	SOIL	PLASTICITY INDEX	IS 2720 (Part 5)