National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DEVBHOOMI TESTING LABORATORY DEHRADUN, 27/1-2, HARBHAJWALA, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10551 **Page No** 1 of 4

Validity 23/04/2022 to 22/04/2024 **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 BM, SDBC, DBM, BC	Bitumen Content	IRC SP - 11
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix BM, SDBC, DBM, BC	Density	LAB/SOP/21: 2014
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Compressive Strength	IS 3495 Part 1
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Height)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Length)	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Width)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Efflorescence	IS 3495 Part 3
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Water Absorption	IS 3495 Part 2
9	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Compressive Strength	IS 4031 Part 6
10	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Density	IS 4031 Part 11
11	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Fineness by Blain's Air Permeability	IS 4031 Part 2
12	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Normal Consistency	IS 4031 Part-4
13	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Setting Time Final	IS 4031 Part 5
14	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Setting Time Initial	IS 4031 Part 5
15	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC	Soundness By Le-Chatelier Method	IS 4031 Part 3
16	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 Part 6
17	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 Part 2
18	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 Part 6

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19	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness by Moh's Scale	IS 13630 Part 13
20	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Part 2
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 Part 4
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 Part 3
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part 4
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part 1
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part 4
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 Part 4
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 Part 1
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part 3
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part 3
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 Part 3
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 Part 3
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 Part 1
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	LAB/SOP/21 based on CPWD Specification Volume 1: 2009
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part 3
39	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability by Slump	IS 1199 Part 1
40	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube/Core	Compressive Strength	IS 516
41	MECHANICAL- SOIL AND ROCK	GSB/WBM/WMM	Elongation Index	IS 2386 Part 1
42	MECHANICAL- SOIL AND ROCK	GSB/WBM/WMM	Flakiness Index	IS 2386 Part 1
43	MECHANICAL- SOIL AND ROCK	GSB/WBM/WMM	Sieve Analysis	IS 2386 Part 1
44	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	California Bearing Ratio	IS 2720 Part 16
45	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Impact Value	IS 2386 Part 4
46	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Liquid Limit	IS 2720 Part 5
47	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Los Angeles Abrasion Value	IS 2386 Part 4
48	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Maximum Dry Density	IS 2720 Part 8
49	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Optimum Moisture Content	IS 2720 Part 8
50	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Plastic Limit	IS 2720 Part 5
51	MECHANICAL- SOIL AND ROCK	GSB/WMM/WBM	Water Absorption	IS 2386 Part 3
52	MECHANICAL- SOIL AND ROCK	Natural Building Stone/Marble/Graniite	Water Absorption	IS 1124
53	MECHANICAL- SOIL AND ROCK	Natural Building Stone/Marble/Granite	Compressive Strength	IS 1121 Part 1
54	MECHANICAL- SOIL AND ROCK	Natural Building Stone/Marble/Granite	Hardness (Moh's)	IS 13630 (Part 13)
55	MECHANICAL- SOIL AND ROCK	Natural Building Stone/Marble/Granite	Specific Gravity	IS 1122
56	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16

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57	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
58	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 Part 4
59	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part 8
60	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 Part 8
61	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
62	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 Part 2
63	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
64	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part 3