SCOPE OF ACCREDITATION

Laboratory Name : SHRI DWARKADHISH TESTING LABS & RESEARCH CONSULTANCY, VILLAGE - JAIPUR PADLI, FATEHPUR, HALDWANI, NAINITAL, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7017 **Page No** 1 of 3

Validity 05/10/2022 to 04/10/2024 **Last Amended on** 06/01/2023

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	Bitumen	Bulk specific gravity	ASTM D 1188-05a
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Density	ASTM D 2726
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous mixes	Bitumen Content	ASTM-D-2172
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous mixes	Marshall Flow	ASTM D-6927
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous mixes	Marshall Stability	ASTM D-6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous mixes	Theortical maximum specific gravity	ASTM D 2041
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension- Width	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension- Height	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part-1)
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Length	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/ PPC /RHPC/ SRPC	Initial Setting time	IS 4031 (Part-5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/ PPC/ RHPC/ SRPC	Final setting time	IS 4031 (Part-5)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/ PPC/ RHPC/ SRPC	FIneness Dry Sieving	IS 4031 (Part-1)
20	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/ PPC/RHPC/SRPC	Compressive Strength	IS 4031 (P-6)
21	MECHANICAL- BUILDINGS MATERIALS	Cement OPC/PPC/ RHPC/SRPC	Standard Consistency	Is 4031 (Part-4)
22	MECHANICAL- BUILDINGS MATERIALS	Cement POC/PPC/RHPC/ SRPC	Soundness Le- Chatelier	IS 4031 (Part-3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 (Part-4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (PArt-4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part-4)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size: 4.75mm to 80mm)	IS 2386 (Part-1)
31	MECHANICAL- BUILDINGS MATERIALS	coarse aggregate	soundness with Na2S04	IS 2386 PART 5
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness iwith MgSO4	IS 2386 P-5
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	water Absorption	IS 2386 (PArt-3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Finer Than 75 Mic	IS 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve size: 0.475mm to 0.75 mm)	IS 2386 (part-1)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (part-3)

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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
38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
39	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199
40	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Concrete	IS 516 Part 1 Sec. 1
41	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
42	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
43	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS 2720 (Part 4)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
45	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
46	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
47	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
48	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Mechanical Method	IS 2720 (Part 5)
49	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
50	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 (Part 2)