National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DCM TEST LABS, SCOUT AND GUIDE BUILDING, SHANTI MARG, SHYAMLA HILLS, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6917 **Page No** 1 of 3

Validity 10/03/2022 to 09/03/2024 **Last Amended on** 29/04/2022

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	Bituminous Mix	Binder Content	IRC:SP 11
2	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D6927
3	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Maximum Specific Gravity (Gmm)	ASTM D2041-03a
4	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Brick	Water Absorption	IS 3495 (Part 2)
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Compressive Strength	IS 3495 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031(Part 6)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Normal Consistency	IS 4031 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chateliers Method	IS 4031 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete tile	Resistance to Wear	IS 13801
12	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tile	Water Absorption	IS 13801
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los Angeles Machine	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 90 mm)	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10 mm)	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
29	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Water Absorption	IS 1124
30	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stones	Compressive Strength	IS 1121 (Part 1)
31	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility	IS 1208
32	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS 1203
34	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
35	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Nominal mass	IS 1786
37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Tensile Strength	IS 1608 (Part 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Strength	IS 1608 (Part 1)
39	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
40	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
41	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 19 mm)	IS 2720 (Part 4)
42	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
43	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction -Optimum Moisture Content	IS 2720 (Part 8)
44	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
45	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)