National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DARSHAN CONSULTANCY CELL, DARSHAN INSTITUTE OF ENGINEERING AND TECHNOLOGY, HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6067 **Page No** 1 of 4

Validity 02/09/2021 to 01/09/2023 **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	Absolute Viscosity	IS: 1206 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS: 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS: 1206 (Part-3)
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 Mix	Binder Content	IRC:SP: 11
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
11	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS: 3495 (Part-1)
12	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Height)	IS: 1077
13	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Length)	IS: 1077
14	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Width)	IS: 1077
15	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS: 3495 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS: 3495 (Part-2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS: 4031 (Part-6)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS:4031 (Part-4)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS: 4031 (Part-11)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS: 4031 (Part-5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability	IS: 4031 (Part-2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS: 4031 (Part-1)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS: 4031 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier's Method	IS: 4031 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los-Angeles Machine	IS: 2386 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part-3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 (Part-4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS: 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS: 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part-3)

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38	MECHANICAL- BUILDINGS MATERIALS	Flexible Pavement	Bankelman Beam Deflection	IRC:81
39	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS:1199
40	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength	IS: 516
41	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS: 516
42	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Bend	IS: 1599
43	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Elongation	IS: 1608 (Part-1)
44	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Mass per Meter	IS: 1786
45	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Rebend	IS: 1786
46	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Tensile Strength	IS: 1608 (Part-1)
47	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Yield Stress	IS: 1608 (Part-1)
48	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS: 2720 (Part-16)
49	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Angle of Shearing Resistance)	IS: 2720 (Part-13)
50	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear-Cohesion	IS: 2720 (Part-13)
51	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part-40)
52	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS: 2720 (Part-4)
53	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS: 2720 (Part-8)
54	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS: 2720 (Part-8)
55	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS: 2720 (Part-7)
56	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS: 2720 (Part-7)

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57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cone Penetrometer	IS: 2720 (Part-5)
58	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part-5)
59	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS: 2720 (Part-3)