National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DHANVI CONSULTANCY, BLOCK NUMBER 63, VILLAGE KHODIYAR, TALUKA DASKROI, ROYAL HIGHTS, VAISHNOV DEVI CIRCLE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 15/11/2022 to 14/11/2024 **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	Absolute Viscosity	IS 1206, Part 2
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206, Part 3
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM D2172 / D2172M
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D6927
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495, Part-1
11	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495, Part-3
15	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495, Part-2
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Finial Setting Time	IS 4031, Part-5
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031, Part-5
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Autoclave	IS 4031, Part-3

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031, Part-3
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Compressive Strength	IS 4031, Part-6
21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Consistency	IS 4031, Part-4
22	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness by Blaine's air permeability	IS 4031, Part-2
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part-4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value (by Los Angeles)	IS 2386 (Part-4)
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	Sieve Analysis (80 mm to 2.36 mm)	IS 2386 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cubes	IS 516
33	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength of Beam	IS 516
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability of fresh concrete (Slump)	IS 1199, Part 2
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10 mm to 0.150 mm)	IS 2386 (Part-1)
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	Paver Blocks	Compressive Strength (Size: upto 200 X 200 mm)	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	0.2% Proof stress	IS 1608, Part-1
42	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend	IS 1599
43	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation Percent	IS 1608, Part-1
44	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re-bend	IS 1786
45	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608, Part-1
46	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720, Part-16
47	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720, Part-40
48	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720, Part-5
49	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720, Part-5
50	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test - Heavy Compaction (MDD)	IS 2720, Part-8
51	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test - Heavy Compaction (OMC)	IS 2720, Part-8
52	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test - Light Compaction (MDD)	IS 2720, Part-7
53	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test - Light Compaction (OMC)	IS 2720, Part-7
54	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (By Dry Method) (20 to 4.75 mm)	IS 2720, Part-4, Clause 3
55	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (By Wet Method) (4.75 to .075 mm)	IS 2720, Part-4, Clause 4

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56	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516, Part 5, Sec 4
57	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test (54 kHz)	IS 516, Part 5, Sec 1

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field Density by Core Cutter Method	IS 2720, Part-29
2	MECHANICAL- SOIL AND ROCK	Soil	Field Density by Sand Replacement	IS 2720, Part-28
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516, Part 5, Sec 4
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test (54 kHz)	IS 516, Part 5, Sec 1