National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DEV CONSULTANCY (MATERIAL TESTING LAB, NDT TEST & ANALYSIS), PLOT NO. 8, SURVEY NO. 281, SABAR DAIRY ROAD, GADHODA, HIMATNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5648 **Page No** 1 of 3

Validity 18/05/2022 to 17/05/2024 **Last Amended on** 27/05/2022

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	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics 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	Bituminous mix	Binder content	ASTM D 2172
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous mix	Compacted density of mix	ASTM D 2726
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous mix	Flow Test	ASTM D 6927
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous mix	Marshall Stability	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS 3495 (Part–1)
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension-Height	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension-Length	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension-Width	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 (Part–2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part–6)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part–4)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting time	IS 4031 (Part–5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by blaine air permeability	IS 4031 (Part–2)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by sieving	IS 4031(Part–1)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part–5)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value (by Los angeles)	IS 2386 (Part–4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS 2386 (Part–4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part–1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part–1)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part–4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve analysis / gradation	IS 2386 (Part–1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS 2386 (Part–3)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part–3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	% Finer than 75 micron	IS 2386 (Part–1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis by Gradation	IS 2386 (Part–1)
31	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific gravity	IS 2386 (Part–3)
32	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water absorption	IS 2386 (Part–3)
33	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump test	IS 1199
34	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
35	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural strength of beam	IS 516
36	MECHANICAL- BUILDINGS MATERIALS	HSD / TMT Steel bar	Bend	IS 1599
37	MECHANICAL- BUILDINGS MATERIALS	HSD / TMT Steel bar	Elongation	IS 1608 (Part–1)

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38	MECHANICAL- BUILDINGS MATERIALS	HSD / TMT Steel bar	Re-bend	IS 1786
39	MECHANICAL- BUILDINGS MATERIALS	HSD / TMT Steel bar	Tensile Strength	IS 1608 (Part-1)
40	MECHANICAL- BUILDINGS MATERIALS	HSD / TMT Steel bar	Yield Stress	IS 1608 (Part–1)
41	MECHANICAL- BUILDINGS MATERIALS	Paver block	Compressive strength	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS 15658
43	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part–16)
44	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear-Cohesion	IS 2720 (Part–13)
45	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (Gradation)	IS 2720 (Part–4)
46	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-MDD	IS 2720 (Part–8)
47	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-OMC	IS 2720 (Part–8)
48	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-MDD	IS 2720 (Part–7)
49	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-OMC	IS 2720 (Part–7)
50	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part–5)
51	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part–5)
52	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part–5)