National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RADHAKRISHNADEV MATERIAL TESTING LAB, PLOT NO. 13, SURVEY NO. 333-334, SHIVDHARA INDUSTRIAL ZONE, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9158 **Page No** 1 of 3

Validity 15/12/2022 to 14/12/2024 **Last Amended on** 05/03/2023

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	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
2	CHEMICAL- WATER	Ground Water / Borewell Water	pH	IS 3025, (Part-11)
3	CHEMICAL- WATER	Water (For construction purpose)	pH	IS 3025 (Part-11)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Height	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Length	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Width	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part 2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part–4)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part-1)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le–chatelier method	IS 4031 (Part-3)
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggreagte	Elongation Index	IS 2386 (Part-1)

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20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggreagte	Impact Value	IS 2386 (Part-4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles abrasion value	IS 2386 (Part-4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve analysis / gradation of aggregate (4.75 to 50.0 mm)	IS 2386 (Part–1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis / gradation of aggregate (0.075 to 4.75 mm)	IS 2386 (Part–1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive strength	IS 516
31	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608, Part-1
33	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass per meter	IS 1786
34	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608, Part-1
35	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield stress	IS 1608 Part1
36	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles / Ceramic Tiles	Water absorption	IS 13630 (Part-2)
37	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (4.75, 2.00, 0.425 and 0.075 mm)	IS 2720 (Part–4)
38	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - MDD	IS 2720 (Part-7)

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39	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - OMC	IS 2720 (Part-7)
40	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
41	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
42	MECHANICAL- SOIL AND ROCK	Stone	Water Absorption	IS 13030
43	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber (Wood)	Specific Gravity	IS 1708, Part 2