National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIVIL ENGINEERING MATERIAL TESTING LABORATORY, DHARMSINH DESAI UNIVERSITY, COLLEGE ROAD, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10696 **Page No** 1 of 3

Validity 14/06/2022 to 13/06/2024 **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 Test	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Marshall Flow Value	ASTM D6927
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Marshall Stability	ASTM D6927
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility of Bitumen	IS 1216
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Thickness)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability Test	IS 4031 (Part 2)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Sieve	IS 4031 (Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	IS 2386 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Test	IS 2386 (Part 4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Size & Grading (Sieve Size: 4.75 mm to 100 mm)	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Concrete - Cube	Compressive Strength	IS 516 (Part 1, Section 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Size & Grading (Sieve Size: 75 µm to 4.75 mm)	IS 2386 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
37	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658

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38	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
39	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Mass per meter	IS 1786
44	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Percentage Elongation	IS 1608 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Ultimate Tensile Stress	IS 1608 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Yield Stress or 0.2% Proof Stress	IS 1608 (Part 1)