National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : D. N. MATERIAL TESTING LAB, 1 TIRUPATI BUNGALOW, GALA GYMKHANA ROAD, BOPAL, AHMADABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9579 **Page No** 1 of 3

Validity 08/06/2021 to 07/06/2023 **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	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Length)	IS:1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions(Width)	IS:1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS: 3495(Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS: 3495(Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS: 2386(Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386(Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386(Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS: 2386(Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386(Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size: 80 mm, 63 mm,50 mm, 40 mm, 31.5 mm, 25 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm, 2.36 mm)	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386(Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386(Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer Than 75 Micron	IS: 2386(Part 1)

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17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve size: 4.75 mm, 3.35 mm, 2.36 mm, 1.18 mm, 600 micron , 300 micron, 150 micron, 75 micron)	IS: 2386(Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386(Part 3)
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386(Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	OPC	Compressive strength	IS: 4031(Part 6)
21	MECHANICAL- BUILDINGS MATERIALS	OPC	Consistency	IS: 4031(Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	OPC	Setting Time (minutes) (a) Initial	IS: 4031(Part 5)
23	MECHANICAL- BUILDINGS MATERIALS	OPC	Setting Time (minutes) (b) Final	IS: 4031(Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	OPC	Soundness by Le-Chatelier	IS: 4031(Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	OPC	Specific surface by Blaine	IS: 4031(Part 2)
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar	Elongation	IS 1608(Part 1)
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar	Mass Per Meter	IS 1786
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar	Tensile Strength	IS 1608(Part 1)
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar	Yield Stress	IS 1608 (Part 1)
30	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 mm Size)	IS: 2720(Part 4)
31	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (2 mm Sieve)	IS: 2720(Part 4)
32	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (4.75 mm Sieve)	IS: 2720(Part 4)
33	MECHANICAL- SOIL AND ROCK	Soil Testing	California Bearing Ratio (CBR)	IS 2720(Part 16)

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34	MECHANICAL- SOIL AND ROCK	Soil Testing	Liquid Limit	IS: 2720(Part 5)
35	MECHANICAL- SOIL AND ROCK	Soil Testing	Plastic Limit	IS 2720(Part 5)
36	MECHANICAL- SOIL AND ROCK	Soil Testing	Proctor Light Compaction Test (MDD)	IS 2720(Part 7)
37	MECHANICAL- SOIL AND ROCK	Soil Testing	Proctor Light Compaction (OMC)	IS 2720(Part 7)
38	MECHANICAL- SOIL AND ROCK	Soil Testing	Specific Gravity	IS 2720(Part 3)