National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : D.N. MATERIAL TESTING LAB, TIRUPATI BUNGLOW NO.1, GALA GYMKHANA ROAD, BOPAL, AHMADABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11795 **Page No** 1 of 3

Validity 22/06/2023 to 21/06/2025 **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	Dimensions (Height)	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Length)	IS:1077
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions(Width)	IS:1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
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 : 4.75 mm to 125 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 (Part-1)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer Than 75 Micron	IS: 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis(Sieve size: 75 micron to 4.75 mm)	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part 3)

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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- BUILDINGS MATERIALS	Steel Bar	Elongation	IS 1608 (Part-1)
27	MECHANICAL- BUILDINGS MATERIALS	Steel bar	Mass Per Meter	IS 1786
28	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	Tensile Strength	IS 1608 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	Yield Stress	IS 1608 (Part-1)
30	MECHANICAL- SOIL AND ROCK	Soil Testing	California Bearing Ratio (CBR)	IS 2720 (Part 16)
31	MECHANICAL- SOIL AND ROCK	Soil Testing	Grain Size Analysis (2mm Sieve)	IS: 2720 (Part-4)
32	MECHANICAL- SOIL AND ROCK	Soil Testing	Grain Size Analysis (0.075 mm Size)	IS: 2720 (Part-4)
33	MECHANICAL- SOIL AND ROCK	Soil Testing	Grain Size Analysis (4.75mm Sieve)	IS: 2720 (Part-4)
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 (OMC)	IS 2720 (Part 7)
37	MECHANICAL- SOIL AND ROCK	Soil Testing	Proctor Light Compaction Test (MDD)	IS 2720 (Part 7)

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38	MECHANICAL- SOIL AND ROCK	Soil Testing	Specific Gravity	IS 2720 (Part 3)