National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHEETAL ENGINEERING ASSOCIATES, #4/1, 2ND MAIN, 9TH CROSS, CHAMARAJAPET, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6624 **Page No** 1 of 3

Validity 19/08/2022 to 18/08/2024 **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	Bricks	Compressive Strength	IS 3495 (Part-1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks - Width	Dimension	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks - Height	Dimension	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Bricks - Length	Dimension	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	CC Solid Block	Compressive Strength	IS 2185 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (Dry Sieving)	IS 4031 (part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chateliar)	IS 4031 (part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (20.00mm)	IS 2386 (Part)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (10mm)	IS 2386 (part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75mm)	IS 2386 (part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (PART-1/ Sec 1)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Particles finer than 75 micron	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.150mm)	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.300mm)	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.600mm)	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (1.18mm)	IS 2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (2.36mm)	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (4.75mm)	IS 2386 (part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water absorption	IS 2386 (Part 3)
32	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
33	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 8)
34	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 8)
35	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 7)
36	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 7)
37	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)

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38	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis - 4.75mm	IS 2720 (Part 4)
39	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.075mm)	IS 2720 (Part 4)
40	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.150mm)	IS 2720 (Part 4)
41	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.300mm)	IS 2720 (Part 4)
42	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.425mm)	IS 2720 (Part 4)
43	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.600mm)	IS 2720 (Part 4)
44	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (1.18mm)	IS 2720 (Part 4)
45	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (2.00mm)	IS 2720 (Part 4)
46	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (2.36mm)	IS 2720 (Part 4)
47	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)