National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUILDING CREATORS AND CONSULTING, TESTING LABORATORY, 91E, 28D57 34N 79D23, TARAI VIHAR COLONY, FAZALPUR MEHROLA, RUDRAPUR, UDHAM SINGH NAGAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11089 **Page No** 1 of 2

Validity 26/10/2022 to 25/10/2024 **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	Dimension (Width)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
5	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension (Height)	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension (Length)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 Percent Fines Value	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm - 80 mm)	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)

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18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron)	IS 2386 (Part 1)
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386 (Part 2)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
23	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
24	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
25	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 20)
26	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (4.75 mm - 75 mm)	IS 2720 (Part 4)
27	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 7)
28	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 15)
29	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
30	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
31	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 7)
33	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Section 1)
34	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)