National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CHANNEL BUILDERS, LABORATORIES, PLOT NO. 10, SIDCO INDUSTRIAL ESTATE SHALTENG, SRINAGAR, JAMMU AND KASHMIR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11095 **Page No** 1 of 2

Validity 29/10/2022 to 28/10/2024 **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: Height	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension: Length	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension: Width	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 80, 63, 50, 40, 31.5, 25, 20, 16, 12.5, 10, 6.3, 4.75 mm)	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1, Clause 5.0)
15	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 4.75, 4.0, 2.36, 1.18, 0.60, 0.425, 0.30, 0.15 mm)	IS 2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
17	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)

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18	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
19	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (Part 15)
20	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Friction)	IS 2720 (Part 13)
21	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
22	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
23	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieves size in 4.75 mm to 75 microns)	IS 2720 (Part 4)
24	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
25	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
26	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
27	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
28	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
29	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
30	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
31	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)