National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S.T. ASSOCIATES, SCO 94A, DEE ESS ESTATES, ZIRAKPUR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8860 **Page No** 1 of 3

Validity 01/06/2022 to 31/05/2024 **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	Bitumen	Penetration Test	IS:1203
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS:1205
3	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS:3495 (Part-2)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Width	IS:1077
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension :Height	IS:1077
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension -Length	IS:1077
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS:3495 (Part-3)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS:4031 (Part-4)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS:4031 (Part-5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine Air Permeability	IS 4031 (Part-2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness By Dry Sieving	IS 4031 (Part-1)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS:4031 (Part-5)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS:4031 (Part 11)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fine value	IS:2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS:2386 (Part-4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Test	IS:2386 (Part-1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Gradation (Sieve size: 80mm, 63mm, 40mm, 20mm, 16mm, 12.5mm, 10mm, 4.75mm, 2.36mm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Test	IS:2386 (Part-4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Compressive Strength	IS:15658
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Water Absorption	IS:15658
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	% Finer than 75µ	IS 2386 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Bulk Density	IS:2386 (Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Gradation (Sieve size: 10mm, 4.75mm, 2.36mm, 1.18mm, 600 micron, 300 micron, 150 micron)	IS:2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS:516 (Part 1) Sec 1
35	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	% of Elongation	IS 1608-1

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36	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	Tensile Strength	IS 1608-1
37	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	Weight per Meter	IS 1786
38	MECHANICAL- BUILDINGS MATERIALS	Steel Bar	Yield Stress	IS 1608-1
39	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS:2720 (Part-16)
40	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of internal friction)	IS:2720 (Part-13)
41	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS:2720 (Part-13)
42	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS:2720 (Part 40)
43	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Analysis)	IS:2720 (Part 4)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS:2720 (Part 8)
45	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction of soil (MDD)	IS:2720 (Part -8)
46	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS:2720 (Part 7)
47	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS:2720 (Part 7)
48	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
49	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS:2720 (Part-2)
50	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS:2720 (Part 5)
51	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS:2720 (Part-3) Sec-1