National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SASTHA SOIL TESTING SERVICES, C-128, NEW HIG COLONY, GROUND FLOOR, SHENBAGATHOTTAM, ANNANAGAR, MADURAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10677 **Page No** 1 of 3

Validity 09/06/2022 to 08/06/2024 **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	Coarse Aggregates	Elongation Index (by using Length Gauge)	IS 2386 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index (by using Thickness Gauge)	IS 2386 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Grading of Coarse Aggregates (Sieve Size: 40 mm, 31.5 mm, 25 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm)	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Test	IS 2386 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength Test	IS 516 (Part 1, Section 1)
7	MECHANICAL- BUILDINGS MATERIALS	TMT Steel Bar	Elongation	IS 1608 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	TMT Steel Bar	Nominal Mass	IS 1786
9	MECHANICAL- BUILDINGS MATERIALS	TMT Steel Bar	Tensile Strength	IS 1608 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	TMT Steel Bar	Yield Stress	IS 1608 (Part 1)
11	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
12	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
13	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test for Angle Friction	IS 2720 (Part 13)
14	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test for Cohesion	IS 2720 (Part 13)
15	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
16	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis of Soil (Dry and Wet Sieve Analysis)	IS 2720 (Part 4)
17	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part 4)

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18	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
19	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
20	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
21	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
22	MECHANICAL- SOIL AND ROCK	Soil	Water Content and Dry Density by Heavy Compaction (MDD)	IS 2720 (Part 8)
23	MECHANICAL- SOIL AND ROCK	Soil	Water Content and Dry Density by Heavy Compaction (OMC)	IS 2720 (Part 8)
24	MECHANICAL- SOIL AND ROCK	Soil	Water Content and Dry Density by Light Compaction (MDD)	IS 2720 (Part 7)
25	MECHANICAL- SOIL AND ROCK	Soil	Water Content and Dry Density by Light Compaction (OMC)	IS 2720 (Part 7)
26	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)