National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MARS SYNERGY GEO TECH PRIVATE LIMITED - LABORATORY DIVISION, 145A, DEVELOPED PLOTS ESTATE, 2ND CROSS STREET, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8678 **Page No** 1 of 2

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 30/12/2022

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	Water Absorption	IS 3495 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Test	IS 2386 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation index	IS 2386 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Grain Size Analysis (4.75 mm to 63 mm)	IS 2386 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
8	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Test	IS 10082
9	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
10	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength	IS 8764
11	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
12	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength	IS 9143
13	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
14	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked & Unsoaked)	IS 2720 (Part 16)
15	MECHANICAL- SOIL AND ROCK	Soil	Consolidation	IS 2720 (Part 15)
16	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)
17	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
18	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.063 mm to 4.75 mm)	IS 2720 (Part 4, Clause 3)

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19	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
20	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
21	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
22	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
23	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (by Casagranade Method)	IS 2720 (Part 5)
24	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
25	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
26	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
27	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
28	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)