National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO FOUNDATIONS & STRUCTURES PVT. LTD., NO. 54/722 & 723, ROSE LANE, KUMARNASHAN NAGAR, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5397 **Page No** 1 of 2

Validity 27/10/2021 to 26/10/2023 **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- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
2	MECHANICAL- SOIL AND ROCK	Soil	Consolidation - e0	IS 2720 (Part 15)
3	MECHANICAL- SOIL AND ROCK	Soil	Consolidation-Cc	IS 2720 (Part 15)
4	MECHANICAL- SOIL AND ROCK	soil	Direct Shear Test (UU) - Angle of Shear Resistance	IS 2720 Part 13:
5	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU)-Cohesion 'C'	IS 2720 (Part 13)
6	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
7	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis- Wet Analysis (75 microns to 2mm)	IS 2720 (Part 4)
8	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis-Hydrometer Analysis (material finer than 75 microns)	IS 2720 (Part 4)
9	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis-Sieve analysis (4.75 mm - 2 mm)	IS 2720 (Part 4)
10	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Heavy Compaction	IS 2720 (Part 8)
11	MECHANICAL- SOIL AND ROCK	soil	Maximum Dry density by Light Compaction	IS 2720 Part 7
12	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Heavy Compaction	IS 2720 (Part 8)
13	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Light Compaction	IS 2720 (Part 7)
14	MECHANICAL- SOIL AND ROCK	Soil	Permeability (By constant head method)	IS 2720 (Part 17)
15	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 Part 6
16	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity (fine grained soil)	2720 (Part 2/sec 1)
17	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression Test	IS 2720 (Part 10)
18	MECHANICAL- SOIL AND ROCK	Soil	Water content (By oven drying method)	2720(Part 2)

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19	MECHANICAL- SOIL AND ROCK	soils	Atterberg's limit - Liquid Limit	IS 2720 (Part 5)
20	MECHANICAL- SOIL AND ROCK	soils	Atterberg's limit - Plastic Limit	IS 2720 (Part 5)