National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOTECHNICAL LABORATORY, VELCITI CONSULTING ENGINEERS (P) LTD., #22. THIRUVALLUVAR 1ST STREET, THIRUVENGADAM NAGAR, KANDANCHAVADI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8615 **Page No** 1 of 2

Validity 30/12/2022 to 29/12/2024 **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- SOIL AND ROCK	Rocks	Density	IS 13030
2	MECHANICAL- SOIL AND ROCK	Rocks	Modulus of Elasticity	IS 9221
3	MECHANICAL- SOIL AND ROCK	Rocks	Point Load Strength Index	IS 8764
4	MECHANICAL- SOIL AND ROCK	Rocks	Porosity	IS 13030
5	MECHANICAL- SOIL AND ROCK	Rocks	Uniaxial Compressive Strength	IS 9143
6	MECHANICAL- SOIL AND ROCK	Rocks	Water Absorption	IS 13030
7	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio (CBR)	IS 2720 (Part 16)
8	MECHANICAL- SOIL AND ROCK	Soils	Consolidation Properties	IS 2720 (Part 15)
9	MECHANICAL- SOIL AND ROCK	Soils	Direct Shear Test	IS 2720 (Part 13)
10	MECHANICAL- SOIL AND ROCK	Soils	Free swell Index	IS 2720 (Part 40)
11	MECHANICAL- SOIL AND ROCK	Soils	Grain Size Analysis	IS 2720 (Part 4)
12	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction	IS 2720 (Part 8)
13	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction	IS 2720 (Part 7)
14	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit	IS 2720 (Part 5)
15	MECHANICAL- SOIL AND ROCK	Soils	Particle size (Hydrometer)	IS 2720 (Part4)
16	MECHANICAL- SOIL AND ROCK	Soils	Plastic Limit	IS 2720 (Part 5)
17	MECHANICAL- SOIL AND ROCK	Soils	Shrinkage Limit	IS 2720 (Part 6)
18	MECHANICAL- SOIL AND ROCK	Soils	Specific Gravity	IS 2720 (Part 3)

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19	MECHANICAL- SOIL AND ROCK	Soils	Swelling Pressure	IS 2720 (Part 41)
20	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Compression with Pore water pressure measurement (Consolidated Drained Test) CD	IS2720 (Part 12)
21	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Compression with Pore water pressure measurement (Consolidated Undrained Test) CU	IS 2720 (Part 12)
22	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Compression without Pore water pressure measurement (Unconsoildated Undrained Test) UU	IS 2720 (Part 11)
23	MECHANICAL- SOIL AND ROCK	Soils	Unconfined compressive strength	IS 2720 (Part 10)
24	MECHANICAL- SOIL AND ROCK	Soils	Water content	IS 2720 (Part 2)