National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LOGIC GEOTECH AND CONSTRUCTION, 69/3, MOHAMMADIYA ESTATE,MUMBRA PANVEL ROAD, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8916 **Page No** 1 of 2

Validity 28/06/2022 to 27/06/2024 **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- SOIL AND ROCK	ROCK	Brazillian Tensile Strength	IS 10082
2	MECHANICAL- SOIL AND ROCK	ROCK	Density	IS 13030
3	MECHANICAL- SOIL AND ROCK	ROCK	Point Load Index Test	IS 8764
4	MECHANICAL- SOIL AND ROCK	ROCK	Porosity	IS 13030
5	MECHANICAL- SOIL AND ROCK	Rock	Slake durability index	IS 10050
6	MECHANICAL- SOIL AND ROCK	ROCK	Specific Gravity	IS 1124
7	MECHANICAL- SOIL AND ROCK	ROCK	Uniaxial Compression Test(UCS)	IS 9143
8	MECHANICAL- SOIL AND ROCK	ROCK	Water Absorption	IS 13030
9	MECHANICAL- SOIL AND ROCK	ROCK	Water Content	IS 13030
10	MECHANICAL- SOIL AND ROCK	SOIL	California Bearing Ratio	IS 2720(P-16)
11	MECHANICAL- SOIL AND ROCK	SOIL	Consolidation (Pc)	IS 2720(P-15)
12	MECHANICAL- SOIL AND ROCK	SOIL	Consolidation(Cc)	IS 2720(P-15)
13	MECHANICAL- SOIL AND ROCK	SOIL	Determination of Shrinkage Limit	IS 2720(P-6)
14	MECHANICAL- SOIL AND ROCK	SOIL	Direct Shear Test -Cohesion	IS 2720(P-13)
15	MECHANICAL- SOIL AND ROCK	SOIL	Direct Shear Test-Angle of Friction	IS 2720(P-13)
16	MECHANICAL- SOIL AND ROCK	SOIL	Free Swell Index	IS 2720(P-40)
17	MECHANICAL- SOIL AND ROCK	SOIL	Grains Size Analysis by Hydrometer Analysis	IS 2720(P-4)
18	MECHANICAL- SOIL AND ROCK	SOIL	Grains Size Analysis by Sieve Analysis (0.075 mm to 4.75 mm)	IS 2720(P-4)

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19	MECHANICAL- SOIL AND ROCK	SOIL	Heavy Weight Compaction(Modified Proctor Test) Maximum Dry Density	IS 2720(P-8)
20	MECHANICAL- SOIL AND ROCK	SOIL	Heavy Weight Compaction(Modified Proctor Test) Optimum Moisture Content	IS 2720(P-8)
21	MECHANICAL- SOIL AND ROCK	SOIL	Light Weight Compaction (Standard Proctor Test) Maximum Dry Density	IS 2720(P-7)
22	MECHANICAL- SOIL AND ROCK	SOIL	Light Weight Compaction (Standard Proctor Test) Optimum Moisture Content	IS 2720(P-7)
23	MECHANICAL- SOIL AND ROCK	SOIL	Liquid limit by Cone Penetration Method	IS 2720(P-5)
24	MECHANICAL- SOIL AND ROCK	SOIL	Plastic limit	IS 2720(P-5)
25	MECHANICAL- SOIL AND ROCK	SOIL	Specific Gravity	IS 2720(P-3)
26	MECHANICAL- SOIL AND ROCK	SOIL	Swelling Pressure test	IS 2720(P-41)
27	MECHANICAL- SOIL AND ROCK	SOIL	Triaxial Test (U.U)	IS -2720 (Part 11)
28	MECHANICAL- SOIL AND ROCK	SOIL	Unconfined Compression Strength of SOIL	IS 2720(P-10)
29	MECHANICAL- SOIL AND ROCK	SOIL	Water Content	IS 2720(P-2)