National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S. GHOSH & ASSOCIATES PVT. LTD. (GEOTECHNICAL TESTING LABORATORY), 322, T.N MUKHERJEE ROAD, HOOGHLY, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10983 **Page No** 1 of 2

Validity 15/09/2022 to 14/09/2024 **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	Concrete (Hardened)	Compressive Strength	IS 516
2	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
3	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Srength	IS 9143
4	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
5	MECHANICAL- SOIL AND ROCK	Soil	Bulk & Dry Density	IS 2720 (Part-9)
6	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS: 2720 (Part-16)
7	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Properties	IS 2720 (Part 15)
8	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Shearing resistance (Degree))	IS 2720 (Part-13)
9	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion Intercept (kg/cm2))	IS 2720 (Part-13)
10	MECHANICAL- SOIL AND ROCK	Soil	Free Swell index	IS 2720 (Part 40)
11	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part - 4)
12	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
13	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
14	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Distribution (Dry & Wet Sieve Analysis)	IS 2720 (Part 4)
15	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
16	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction (Heavy) MDD	IS: 2720 (Part-8)
17	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction (Heavy) OMC	IS: 2720 (Part-8)
18	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction (Light)MDD	IS: 2720 (Part-7)

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19	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction (Light)OMC	IS: 2720 (Part-7)
20	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part - 6)
21	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 : Sec 1)
22	MECHANICAL- SOIL AND ROCK	Soil	Un-confined Compressive Strength	IS 2720 (Part 10)
23	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression without the measurement of pore water pressure (Cohesion Intercept (kg/cm2)	IS: 2720 (Part –11)
24	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression without the measurement of pore water pressure(Angle of Shearing resistance (Degree))	IS: 2720 (Part –11)