National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : B. S. GEOTECH PRIVATE LIMITED (MECHANICAL LABORATORY), 3/1, VIVEKANANDA ROAD, NABAGRAM, HOOGHLY, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10566 **Page No** 1 of 1

Validity 29/04/2022 to 28/04/2024 **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	Soil	Bulk Density (by core cutter method)	IS 2720 Part-29
2	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 Part - 13
3	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part-40
4	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - MDD	IS 2720 Part-7
5	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - OMC	IS 2720 Part -7
6	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (by casagrande method)	IS 2720 Part-5
7	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (Hydrometer)	IS 2720 Part-4
8	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (sieve analysis)	IS 2720 Part-4
9	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part-5
10	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 Part-6
11	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part-3
12	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Test (UU)	IS 2720 Part -11
13	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 Part-10
14	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying	IS 2720 Part-2