National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DBM GEOTECHNICS AND CONSTRUCTIONS PVT. LTD., PLOT NO.- L-63, MIDC, TALOJA, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6479 **Page No** 1 of 3

Validity 16/01/2022 to 15/01/2024 **Last Amended on** 17/03/2022

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	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 (Part 3)
2	CHEMICAL- SOIL AND ROCK	Soil	pH (Electrometric Method)	IS 2720 (Part 26)
3	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphates (SO3) - Precipitation method	IS 2720 (Part 27)
4	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
5	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
6	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24)
7	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength	IS 516
8	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
9	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity and Poisson's Ratio of Rock	IS 9221
10	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
11	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
12	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS 10050
13	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 2720 (Part 3) Section 2
14	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength by indirect test	IS 10082
15	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Shear Strength of Rock (Angle of Internal Friction)	IS 13047
16	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Shear Strength of Rock (Cohesion)	IS 13047
17	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
18	MECHANICAL- SOIL AND ROCK	Rock	Water Absorbtion	IS 13030
19	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)

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20	MECHANICAL- SOIL AND ROCK	Soil	Consolidated Test	IS 2720 (Part 15)
21	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
22	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
23	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
24	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Hydrometer	IS 2720 (Part 4)
25	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Wet Sieving	IS 2720 (Part 4)
26	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction for Optimum Moisture Content	IS 2720 (Part 8)
27	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction for Maximum Dry Density	IS 2720 (Part 8)
28	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction for Maximum Dry Density	IS 2720 (Part 7)
29	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction for Optimum Moisture Content	IS 2720 (Part 7)
30	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
31	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
32	MECHANICAL- SOIL AND ROCK	Soil	Relative Density	IS 2720 (Part 14)
33	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
34	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
35	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Consolidated Drained (Cohesion)	IS 2720 (Part 12)
36	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Consolidated Undrained (Cohesion)	IS 2720 (Part 12)
37	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Unconsolidated Undrained (Angle of Internal Friction)	IS 2720 (Part 11)

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38	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Unconsolidated Undrained (Cohesion)	IS 2720 (Part 11)
39	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (Consolidated Undrained)	IS 2720 (Part 12)
40	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Consolidated Drained (Angle of Internal Friction)	IS 2720 (Part 12)
41	MECHANICAL- SOIL AND ROCK	Soil	Unified Compressive Strength	IS 2720 (Part 10)
42	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)