National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BARMA GEOTECHNICS CONSULTANTS PRIVATE LIMITED, PLOT NO: 327/1796 , ROAD NO-1, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10013 **Page No** 1 of 2

Validity 26/10/2021 to 25/10/2023 **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	Density	IS 13030
2	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength index	IS 8764
3	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
4	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive strength	IS 9143
5	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
6	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (PART 16)
7	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Property	IS 2720 (PART 15)
8	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (C)	IS 2720 (PART 13)
9	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Ø)	IS 2720 (PART 13)
10	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (PART 40)
11	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (PART 4)
12	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (PART 8)
13	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (PART 8)
14	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (PART 7)
15	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (PART 7)
16	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (PART 5)
17	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (PART 5)
18	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage limit	IS 2720 (PART 2)

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19	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (PART 3/SEC 2)
20	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (UU) C	IS 2720 (PART 11)
21	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (PART 2)