National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOMARINE CONSULTANTS PVT. LTD. TESTING LABORATORY, NO 11, KANNAPPA NAGAR 2ND MAIN ROAD, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11410 **Page No** 1 of 2

Validity 28/02/2023 to 27/02/2025 **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	CHEMICAL- SOIL AND ROCK	Soil	pH @ 25° C	IS 2720 PART 26
2	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 PART 32
3	CHEMICAL- WATER	Ground Water	pH @ 25° C	IS 3025 PART 11
4	CHEMICAL- WATER	Ground Water	Sulphates (SO4)	APHA 23rd Edition - 4500
5	MECHANICAL- SOIL AND ROCK	Clays & Soils	Consolidation	IS 2720 PART 15
6	MECHANICAL- SOIL AND ROCK	Clays & Soils	Differential Free Swell Index of Soil	IS 2720 PART 40
7	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test (Cohesion)	IS 2720 PART 13
8	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test (Angle of Internal Friction)	IS 2720 PART 13
9	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain Size (Hydrometer Analysis)	IS 2720 PART 4
10	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain Size (Wet Sieve Analysis)	IS 2720 PART 4
11	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (Maximum Dry Density)	IS 2720 PART 8
12	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (Optimum Moisture Content)	IS 2720 PART 8
13	MECHANICAL- SOIL AND ROCK	Clays & Soils	Laboratory CBR (Unsoaked)	IS 2720 PART 16
14	MECHANICAL- SOIL AND ROCK	Clays & Soils	Laboratory CBR (Soaked)	IS 2720 PART 16
15	MECHANICAL- SOIL AND ROCK	Clays & Soils	Laboratory Permeability (Constant Head)	IS 2720 PART 17
16	MECHANICAL- SOIL AND ROCK	Clays & Soils	Laboratory Permeability (Falling Head)	IS 2720 PART 17
17	MECHANICAL- SOIL AND ROCK	Clays & Soils	Laboratory Vane Shear	IS 2720 PART 30
18	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light Compaction (Maximum Dry Density)	IS 2720 PART 7
19	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light Compaction (Optimum Moisture Content)	IS 2720 PART 7

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20	MECHANICAL- SOIL AND ROCK	Clays & Soils	Liquid Limit	IS 2720 PART 5
21	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plastic Limit	IS 2720 PART 5
22	MECHANICAL- SOIL AND ROCK	Clays & Soils	Relative Density (Density Index)	IS 2720 PART 14
23	MECHANICAL- SOIL AND ROCK	Clays & Soils	Shrinkage Limit	IS 2720 PART 6
24	MECHANICAL- SOIL AND ROCK	Clays & Soils	Specific Gravity (Coarse Grained Soil)	IS 2720 PART 3 SEC 2
25	MECHANICAL- SOIL AND ROCK	Clays & Soils	Specific Gravity (Fined Grained Soil)	IS 2720 PART 3 SEC 1
26	MECHANICAL- SOIL AND ROCK	Clays & Soils	Swelling Pressure of Soil	IS 2720 PART 41
27	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial (Unconsolidated Undrained)	IS 2720 PART 11
28	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Consolidated Drained (Angle of Friction)	IS 2720 PART 12
29	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Consolidated Drained (Cohesion of Soil)	IS 2720 PART 12
30	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Consolidated Undrained (Angle of Friction)	IS 2720 PART 12
31	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Consolidated Undrained Cohesion of Soil)	IS 2720 PART 12
32	MECHANICAL- SOIL AND ROCK	Clays & Soils	Unconfined Compressive Strength of Soil	IS 2720 PART 10
33	MECHANICAL- SOIL AND ROCK	Clays & Soils	Water Content	IS 2720 PART 2
34	MECHANICAL- SOIL AND ROCK	ROCK	Point Load Strength Index	IS 8764
35	MECHANICAL- SOIL AND ROCK	ROCK	Slake Durability	IS 10050
36	MECHANICAL- SOIL AND ROCK	ROCK	Tensile Strength	IS 10082
37	MECHANICAL- SOIL AND ROCK	ROCK	Unconfined Compressive Strength	IS 9143
38	MECHANICAL- SOIL AND ROCK	ROCK	Water Content	IS 13030