National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOMARDY, D. NO. 9, DOUBLE ROADS, KOMMADI, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9904 **Page No** 1 of 2

Validity 27/09/2021 to 26/09/2023 **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	Apparent Specific Gravity	IS 1124
2	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
3	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
4	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
5	MECHANICAL- SOIL AND ROCK	Rock	Wet / Dry Density	IS 13030
6	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 Part 16
7	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Properties (UD sample)	IS 2720 Part 15
8	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angular)	IS 2720 Part 13 Sec 1
9	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 Part 13 Sec 1
10	MECHANICAL- SOIL AND ROCK	Soil	Dry Density and Water Content by Heavy Compaction (MDD)	IS 2720 Part 8
11	MECHANICAL- SOIL AND ROCK	Soil	Dry Density and Water Content by Heavy Compaction (OMC)	IS 2720 Part 8
12	MECHANICAL- SOIL AND ROCK	Soil	Dry Density and Water Content by Light Compaction (MDD)	IS 2720 Part 7
13	MECHANICAL- SOIL AND ROCK	Soil	Dry Density and Water Content by Light Compaction (OMC)	IS 2720 Part 7
14	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
15	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 Part 4
16	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Method)	IS 2720 Part 4
17	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
18	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content (Water content)	IS 2720 Part 2

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19	MECHANICAL- SOIL AND ROCK	Soil	Permeability	IS 2720 Part 17
20	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
21	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Factors	IS 2720 Part 6
22	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity (Sec 1: Fine grained soils)	IS 2720 Part 3 Sec 1
23	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity (Sec 2 : Fine, medium and coarse grained soils)	IS 2720 Part 3 Sec 2
24	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 Part 41
25	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Strength (Angle of friction)	IS 2720 Part 11
26	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Strength (Cohesion)	IS 2720 Part 11
27	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 Part 10