National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PDS GEOTECH PRIVATE LIMITED, TESTING LAB, 127, KALYANDAS UDOYG, WORLI, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11580 **Page No** 1 of 3

Validity 25/04/2023 to 24/04/2025 **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	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
2	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
3	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
4	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1122
5	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
6	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
7	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
8	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Compression Index)	IS 2720 (Part 15)
9	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Void Ratio)	IS 2720 (Part 15)
10	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Friction)	IS 2720 (Part 13)
11	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
12	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density	IS 2720 (Part 29)
13	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
14	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Analysis)	IS 2720 (Part 4)
15	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Analysis)	IS 2720 (Part 4)
16	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Permeability Test	IS 2720 (Part 17)
17	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
18	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction Test (Maximum Dry Density)	IS 2720 (Part 8)

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19	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction Test (Optimum Moisture Content)	IS 2720 (Part 8)
20	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
21	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
22	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
23	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction Test (Maximum Dry Density)	IS 2720 (Part 7)
24	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction Test (Optimum Moisture Content)	IS 2720 (Part 7)
25	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Consolidated Drained Test (Angle of Friction)	IS 2720 (Part 12)
26	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Consolidated Drained Test (Cohesion)	IS 2720 (Part 12)
27	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Consolidated Undrained Test (Angle of Friction)	IS 2720 (Part 12)
28	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Consolidated Undrained Test (Cohesion)	IS 2720 (Part 12)
29	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Unconsolidated Undrained Test (Angle of Friction)	IS 2720 (Part 11)
30	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Unconsolidated Undrained Test (Cohesion)	IS 2720 (Part 11)
31	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
32	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	High Strain Dynamic Pile Test	ASTM D4945
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Lateral Load Test	IS 2911 (Part 4)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Pile Integrity Test	ASTM D5882
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Vertical Load Test	IS 2911 (Part 4)