



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOIL & ROCK TESTING LABORATORY, SARATHY GEOTECH & ENGINEERING SERVICES PVT. LTD., NO.70, GROUND FLOOR, KARNATAKA MEDICAL COUNCIL BUILDING, K R ROAD, BASAVANAGUDI, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6007 **Page No** 1 of 3

Validity 14/07/2023 to 13/07/2025 **Last Amended on** 25/07/2023

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	IS13930
2	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity of Rock	IS 9221
3	MECHANICAL- SOIL AND ROCK	Rock	Poisson's ratio of Rock	IS 9221
4	MECHANICAL- SOIL AND ROCK	Rock	Pont Load Strength	IS 8764
5	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
6	MECHANICAL- SOIL AND ROCK	Rock	Rock Triaxial (phi)	IS 13047
7	MECHANICAL- SOIL AND ROCK	Rock	Rock Triaxial (C)	IS 13047
8	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability	Is 10050
9	MECHANICAL- SOIL AND ROCK	Rock	Tensile strength of Rock	Is 10082
10	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
11	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
12	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
13	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Cc)	IS 2720 Part 15
14	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained) (c)	IS 2720 Part 13
15	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (undrained) (phi)	IS 2720 Part 13
16	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
17	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Hydrometer	IS 2720 Part 4
18	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Sieve)	IS 2720 Part 4



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19	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry Sieve)	IS 2720 Part 4
20	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 Part 8
21	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part 8
22	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 Part 7
23	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 Part 7
24	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 part 5
25	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
26	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part 3 Sec-01
27	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression (Angle of Internal resistance)	IS 2720 Part 11
28	MECHANICAL- SOIL AND ROCK	soil	Triaxial Compression (Cohesion)	IS 2720 Part 11
29	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 Part 10
30	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	Cross hole sonic test	Cross hole sonic test on piles	ASTM D 6760
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	High Strain Dynamic load test	High Strain Dynamic load test	ASTM D4945
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile Integrity test	Pile testing	ASTM D 5882