National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO FRONTIERS, NO 3, GROUND FLOOR, 10TH MAIN, ADHARSHA LAYOUT, JNANAJYOTHI NAGAR, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8829 **Page No** 1 of 2

Validity 30/03/2022 to 29/03/2024 **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- BUILDINGS MATERIALS	CUBE	COMPRESSIVE STRENGTH	IS 516
2	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY-LOOSE	IS 2386(P-3)
3	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY-RODDED	IS 2386(P-3)
4	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	PARTICLE FINER THAN 75 MICRON	IS 2386(P-1)
5	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-1.18 mm	IS 2386(P-1)
6	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-10 mm	IS 2386(P-1)
7	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-150 micron	IS 2386(P-1)
8	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-2.36mm	IS 2386(P-1)
9	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-300 micron	IS 2386(P-1)
10	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-4.75 mm	IS 2386(P-1)
11	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-600 micron	IS 2386(P-1)
12	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS-75 micron	IS 2386(P-1)
13	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS 2386(P-3)
14	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	WATER ABSORPTION	IS 2386(P-3)
15	MECHANICAL- SOIL AND ROCK	CLAYS & SOIL	GRAIN SIZE ANALYSIS-SILT & CLAY	IS 2720(P-4)
16	MECHANICAL- SOIL AND ROCK	CLAYS & SOILS	HYDROMETER METHOD-CLAY	IS 2720(P-4)
17	MECHANICAL- SOIL AND ROCK	CLAYS & SOILS	HYDROMETER METHOD-SILT	IS 2720(P-4)
18	MECHANICAL- SOIL AND ROCK	SOIL	CALIFORNIA BEARING RATIO	IS 2720(P-16)

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19	MECHANICAL- SOIL AND ROCK	SOIL	CONSOLIDATION-COEFFICIENT OF CONSOLIDATION	IS 2720(P-15)
20	MECHANICAL- SOIL AND ROCK	SOIL	CONSOLIDATION-COMPRESSION INDEX	IS 2720(P-15)
21	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR-ANGLE OF INTERNAL FRICTION	IS 2720(P-13)
22	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR-COHESION	IS 2720(P-13)
23	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720(P-40)
24	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS-GRAVEL	IS 2720(P-4)
25	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS-SAND	IS 2720(P-4)
26	MECHANICAL- SOIL AND ROCK	SOIL	Heavy COMPACTION-MDD	IS 2720(P-8)
27	MECHANICAL- SOIL AND ROCK	SOIL	Heavy COMPACTION-OMC	IS 2720(P-8)
28	MECHANICAL- SOIL AND ROCK	SOIL	Light COMPACTION-MDD	IS 2720(P-7)
29	MECHANICAL- SOIL AND ROCK	SOIL	Light COMPACTION-OMC	IS 2720(P-7)
30	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720(P-5) (by Casagranade method)
31	MECHANICAL- SOIL AND ROCK	SOIL	MOISTURE CONTENT	IS 2720(P-2)
32	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720(P-5)
33	MECHANICAL- SOIL AND ROCK	SOIL	SHRINKAGE LIMIT	IS 2720(P-6)
34	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720(P-3)
35	MECHANICAL- SOIL AND ROCK	SOIL	UNCONFINED COMPRESSIVE STRENGTH	IS 2720(P-10)
36	MECHANICAL- SOIL AND ROCK	SOIL	UU TRIAXIAL- COHESION	IS 2720(P-11)
37	MECHANICAL- SOIL AND ROCK	SOIL	UU TRIAXIAL-ANGLE OF INTERNAL FRICTION	IS 2720(P-11)