



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: Sai Geotechnical Lab JV with CFRE

Page No. 1 of 1

Address: House No. 31/3335, Vaishnav Nagar, Varuda
Road, Dharashiv, Oshmanabad-413501
Maharashtra

Certificate No.: T-0011

Issue date : 07.06.2025

Validity : 06.06.2029

Sr No	Parameter/ Materials/ Products tested	Type of Test/Properties measured	Range of measurement	Standard specifications/ Equipment/Techniques used	Facility
----------	---	-------------------------------------	-------------------------	--	----------

Mechanical: Group: Building Infrastructure & Construction Material

1	Aggregate(Coarse)	Elongation Index	5% to 50%	IS 2386 (Part 1)	Permanent
2	Aggregate(Coarse)	Flakiness Index	5% to 50%	IS 2386 (Part 1)	Permanent
3	Aggregate(Coarse)	Sieve Analysis(Gradation) 4.75 to 80 mm IS Sieve	0% to 100%	IS 2386 (Part 1)	Permanent
4	Aggregate(Coarse)	Specific Gravity	1.5 to 3.5	IS 2386 (Part 3)	Permanent
5	Aggregate(Coarse)	Water Absorption	0% to 10%	IS 2386 (Part 3)	Permanent
6	Aggregate (Fine)	Sieve Analysis(Gradation) 0.075 to 10 mm IS Sieve	0% to 100%	IS 2386 (Part 1)	Permanent
7	Aggregate (Fine)	Specific Gravity	1.5 to 3.0	IS 2386 (Part 3)	Permanent
8	Aggregate (Fine)	Water Absorption	0.5% to 10%	IS 2386 (Part 3)	Permanent
9	Concrete(Fresh)	Slump	10 mm to 200 mm	IS 1199 (Part 2)	Permanent
10	Concrete(Hard)	Compressive Strength of concrete cube	5 N/mm ² to 80 N/mm ²	IS 516 (Part 1/Sec 1)	Permanent

Mechanical :Group: Soil and Rock

1	Soil	Grain Size Analysis (0.075 mm to 10mm) IS Sieve	0% to 100 %	IS 2720 (Part 4)	Permanent
2	Soil	Standard Proctor (Light Compaction) (Maximum Dry Density) MDD	1.0 g/cc to 3.0 g/cc	IS 2720 (Part 7)	Permanent
3	Soil	Standard Proctor (Light Compaction) (Optimum Moisture Content) OMC	5% to 30 %	IS 2720 (Part 7)	Permanent
4	Soil	Modified Proctor (Heavy Compaction) (Maximum Dry Density) MDD	1.5 g/cc to 3.0 g/cc	IS 2720 (Part 8)	Permanent
5	Soil	Modified Proctor (Heavy Compaction) (Optimum Moisture Content) OMC	5% to 25 %	IS 2720 (Part 8)	Permanent
6	Soil	CBR @ 2.5 mm Penetration	1% to 150 %	IS 2720 (Part 6)	Permanent