National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AIMIL TESTING LABORATORY, A-8, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7287 **Page No** 1 of 2

Validity 02/12/2022 to 01/12/2024 **Last Amended on** 04/02/2023

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- BUILDINGS MATERIALS	Cement Concrete	Compressive Strength of concrete Cubes	IS: 516
2	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete	Compressive Strength of Concrete Core	IS: 516 Part 4
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS : 2386 (P-4)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS : 2386 (P-4)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 mm to 100 mm)	IS 2386 (Part-1)
6	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.150 mm to 10 mm)	IS 2386(Part-1)
7	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
8	MECHANICAL- SOIL AND ROCK	Rock	Rock Joints - Direct Shear Strength - Angle of Internal Friction (Phi)	IS 12634
9	MECHANICAL- SOIL AND ROCK	Rock	Rock Joints - Direct Shear Strength - Cohesion (C)	IS 12634
10	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS 10050
11	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength by Brazilian Test	IS 10082
12	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression - Angle of Internal Friction (Phi)	IS 13047
13	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression- Cohesion (C)	IS 13047
14	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength (UCS)	IS 9143
15	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
16	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of Shearing Resistance (Phi)	IS 2720 (Part 13)
17	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear- Cohesion (C)	IS 2720 (Part 13)
18	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet and Dry) 0.075 mm to 100 mm.	IS 2720 (Part 4)

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19	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Hydrometer Method (Below 0.075 mm to 0.001 mm)	IS 2720 (Part 4)
20	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 8)
21	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 8)
22	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 7)
23	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 7)
24	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Mechanical Method	IS 2720 (Part 5)
25	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
26	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Consolidated Drained (CD) - Angle of Internal Friction (Phi)	IS 2720 (Part 12)
27	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Consolidated Drained (CD)- Cohesion (C)	IS 2720 (Part 12)
28	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Consolidated Undrained (CU)- Cohesion (C)	IS 2720 (Part 12)
29	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Unconsolidated Undrained (UU) - Angle of Internal Friction (Phi)	IS 2720 (Part 11)
30	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Unconsolidated Undrained (UU)- Cohesion (C)	IS 2720 (Part 11)
31	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression- Consolidated Undrained (CU) - Angle of Internal Friction (Phi)	IS 2720 (Part 12)