National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : XPLORER TESTING LABORATORY, PLOT NO 3, SARHAUL, SECTOR 18, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5673 **Page No** 1 of 3

Validity 11/10/2022 to 10/10/2024 **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	Coarse Aggregate	10 % Fine Value	IS 2386 (Part- IV)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part- IV)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part- III)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material (Clay Lumps)	IS 2386 (Part- II)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation	IS 2386 (Part- I)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness	IS 2386 (Part- I)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part- IV)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Test	IS 2386 (Part- IV)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Particle Size & Shape	IS 2386 (Part- I)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness Test by Sodium Sulphate	IS 2386 (Part- V)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part- III)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part- III)
13	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part- III)
14	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Determination of Material Finer than 75 µ	IS 2386 (Part- I)
15	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part- II)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Size & Shape	IS 2386 (Part -1)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part- V)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part - III)

SCOPE OF ACCREDITATION

Laboratory Name : XPLORER TESTING LABORATORY, PLOT NO 3, SARHAUL, SECTOR 18, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5673 **Page No** 2 of 3

Validity 11/10/2022 to 10/10/2024 **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
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part- III)
20	MECHANICAL- SOIL AND ROCK	Rock	Abrasiveness of Rock using the CERCHAR Method	ASTM - D7625
21	MECHANICAL- SOIL AND ROCK	Rock	Determination of Modulus of Elasticity and Poisson's Ratio of Rock Materials in Uniaxial Compression	IS 9221
22	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
23	MECHANICAL- SOIL AND ROCK	Rock	Method for Determination of Strength of Rock Materials in Triaxial Compression	IS 13047
24	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	IS 8764 Part 16
25	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 1124
26	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Test	IS 10050
27	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1122
28	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength of Rock (Brazilian Test)	IS 10082
29	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
30	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
31	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
32	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
33	MECHANICAL- SOIL AND ROCK	Soil	Consolidation	IS 2720 (Part 15)
34	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear	IS 2720 (Part 13)
35	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
36	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Hydrometer	IS 2720 (Part 4)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : XPLORER TESTING LABORATORY, PLOT NO 3, SARHAUL, SECTOR 18, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5673 **Page No** 3 of 3

Validity 11/10/2022 to 10/10/2024 **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
37	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Sieve	IS 2720 (Part 4)
38	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD & OMC)	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD & OMC)	IS 2720 (Part 7)
40	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Cone penetrometer method)	IS 2720 (Part 5)
41	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
42	MECHANICAL- SOIL AND ROCK	Soil	Permeability (Falling head method)	IS 2720 (Part 17)
43	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
44	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
45	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Sec 1)
46	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
47	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Consolidated Drained (CD)	BS 17892 (Part 9)
48	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Consolidated Undrained (CU) pore pressure measurement	IS 2720 (Part 12)
49	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Unconsolidated Undrained (UU)	IS 2720 (Part 11)
50	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression (UC)	IS 2720 (Part 10)