National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PINNACLE INFRASTRUCTURE CONSULTING (TESTING DIVISION), B-94, RAM CHANDRA MISSION, GATE NO. 3, IIM RAOD, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11602 **Page No** 1 of 4

Validity 02/05/2023 to 01/05/2025 **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	Burnt Clay Building Bricks	Dimension - Length	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density (Loose & Compacted)	IS 2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80mm to 2.36mm)	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Magnesium Sulphate)	IS 2386 (Part 5)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Sodium Sulphate)	IS 2386 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Compacted)	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis and Fineness Modulus (10mm to 0.150mm)	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (with Sodium Sulphate)	IS 2386 (Part 5)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (with Magnesium Sulphate)	IS 2386 (Part 5)
25	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
26	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1, Section 1)
27	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annexure D)
28	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Height	IS 15658 (Annexure B)
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Length	IS 15658 (Annexure B)
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Width	IS 15658 (Annexure B)
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annexure C)
32	MECHANICAL- SOIL AND ROCK	Rock	Density by Saturation and Buoyancy Technique	IS 13030
33	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive strength	IS 9143
34	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
35	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
36	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
37	MECHANICAL- SOIL AND ROCK	Soil	Consolidation test	IS 2720 (Part 15)

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38	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Angle of Internal friction)	IS 2720 (Part 13)
39	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (100mm to 75microns)	IS 2720 (Part 4)
40	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 (Part 5)
41	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Heavy compaction)	IS 2720 (Part 8)
42	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
43	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy compaction)	IS 2720 (Part 8)
44	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
45	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS 2720 (Part 5)
46	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
47	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
48	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
49	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (Angle of Internal friction)	IS 2720 (Part 11)
50	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (Cohesion)	IS 2720 (Part 11)
51	MECHANICAL- SOIL AND ROCK	Soil	Uniaxial Compressive Strength	IS 2720 (Part 10)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Soil Density (Core Cutter Method)	IS 2720 (Part 28)