National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SWASTIK TEST HOUSE, 645 B/ 489, 60 FEET ROAD, VASHISHTHA PURAM, JANKIPURAM, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11360 **Page No** 1 of 2

Validity 07/02/2023 to 06/02/2025 **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	Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence Test	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2720 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (80 mm to 2.36 mm)	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Concrete (Cube)	Compressive Strength	IS 516 (Part 1, Section 1)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 micron	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10 mm to 150 micron)	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
21	MECHANICAL- SOIL AND ROCK	Soil & Clay	California Bearing Ratio (CBR)	IS 2720 (Part 16)
22	MECHANICAL- SOIL AND ROCK	Soil & Clay	Consolidation Test	IS 2720 (Part 15)
23	MECHANICAL- SOIL AND ROCK	Soil & Clay	Direct Shear (Angel of Friction)	IS 2720 (Part 13)
24	MECHANICAL- SOIL AND ROCK	Soil & Clay	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
25	MECHANICAL- SOIL AND ROCK	Soil & Clay	Free Swell Index	IS 2720 (Part 40)
26	MECHANICAL- SOIL AND ROCK	Soil & Clay	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
27	MECHANICAL- SOIL AND ROCK	Soil & Clay	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
28	MECHANICAL- SOIL AND ROCK	Soil & Clay	Light compaction (Maximum Dry Density)	IS 2720 (Part 7)
29	MECHANICAL- SOIL AND ROCK	Soil & Clay	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
30	MECHANICAL- SOIL AND ROCK	Soil & Clay	Liquid Limit	IS 2720 (Part 5)
31	MECHANICAL- SOIL AND ROCK	Soil & Clay	Plastic Limit	IS 2720 (Part 5)
32	MECHANICAL- SOIL AND ROCK	Soil & Clay	Specific Gravity	IS 2720 (Part 3, Section 1)
33	MECHANICAL- SOIL AND ROCK	Soil & Clay	Triaxial Test (UU) Angel of Friction	IS 2720 (Part 11)
34	MECHANICAL- SOIL AND ROCK	Soil & Clay	Triaxial Test (UU) Cohesion	IS 2720 (Part 11)
35	MECHANICAL- SOIL AND ROCK	Soil & Clay	Water Content	IS 2720 (Part 2)
36	MECHANICAL- SOIL AND ROCK	Soil & Clay	Wet Sieve Analysis (4.75 mm, 2 mm, 425 micron, 75 micron)	IS 2720 (Part 4)