National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TELFORD TEST HOUSE, AZAD VIHAR COLONY, MIRANPUR PINVAT, KANPUR LUCKNOW ROAD, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5033 **Page No** 1 of 3

Validity 28/06/2021 to 27/06/2023 **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	Bitumen	Binder Content	IRC SP11 (Appendix-5C)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1448 (Part 69)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 (Part 69)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 Micron	IS 8887
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting	IS 4031 (Part 5)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Compressive Strength	IS 3495
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 100 mm)	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absoption	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube, Core	Compressive Strength	IS 516
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Elongation	IS 1608 Part 1
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Nominal Mass/meter	IS 1786
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 Part 1
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Strength	IS 1608 Part 1
33	MECHANICAL- SOIL AND ROCK	Clay & Soils	Grain Size Analysis	IS 2720 (Part 4)
34	MECHANICAL- SOIL AND ROCK	Clay & Soils	Shrinkage Limit	IS 2720 (Part 6)
35	MECHANICAL- SOIL AND ROCK	Clays & Rocks	California Bearing Ratio	IS 2720 (Part 16)

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36	MECHANICAL- SOIL AND ROCK	Clays & Soils	Free Swell Index	IS 2720 (Part 40)
37	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain Size Analysis	IS 2720 (Part 4)
38	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (MDD)	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	Clays & Soils	Liquid Limit (Casagranade method)	IS 2720 (Part 5)
40	MECHANICAL- SOIL AND ROCK	Clays & Soils	Moisture Content (dry method)	IS 2720 (Part 2)
41	MECHANICAL- SOIL AND ROCK	Clays & Soils	Optimum Moisture content (OMC)	IS 2720 (Part 8)
42	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plastic Limit	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Strength	IS 2720 (Part 13)
44	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Strength (Cohesion)	IS 2720 (Part 13)
45	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Strength (UUC)	IS 2720 (Part 11)
46	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Strength(UUC)	IS 2720 (Part 11)