National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : APPOLO TEST LABORATORIES, 189, LOWER GROUND FLOOR, PATPARGANJ INDUSTRIAL AREA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10892 **Page No** 1 of 5

Validity 04/08/2022 to 03/08/2024 **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	Bitumen	Ductility	IS 1205
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point / Fire Point	IS 1209
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
5	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	ASTM D2172 / IRC SP
6	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability Flow	ASTM D6927
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability Load	ASTM D 6927
8	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay)	Dimension (Height)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimension (Width)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Final Setting Time	IS 4031 (Part 5)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Compressive Strength	IS 4031 (Part 6)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Consistency	IS 4031 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Density	IS 4031 (Part 11)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness (Blaine air permeability)	IS:4031 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness by Sieve	IS 4031 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Initial Setting Time	IS 4031 (Part 5)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10892 **Page No** 2 of 5

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Soundness by Autoclave	IS 4031 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Soundness by Le-Chatelier	IS 4031 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Cube	Compressive Strength	IS 516
22	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension	IS 1237
23	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237, Annex E
24	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension	IS 15622
25	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Acid	IS 13630 (Part 7)
26	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Alkalis	IS 13630 (Part 7)
27	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to House Hold Chemicals	IS 13630 (Part 7)
28	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Pool Salt	IS 13630 (Part 7)
29	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Compressive Strength	IS 3495 (Part 1)
31	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension (Length)	IS 1077
32	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Efflorescence	IS 3495 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Water Absorption	IS 3495 (Part 2)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10 Percent Fines	IS 2386 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Abrasion Value	IS 2386 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10892 **Page No** 3 of 5

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
39	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
40	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material Finer than 75µm	IS 2386 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Moisture Content	IS 2386 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (80 mm, 63 mm, 40 mm,20 mm, 16 mm, 12.5 mm, 10 mm, 4.75 mm, 2.36 mm)	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 µm	IS 2386 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Moisture Content	IS 2386 (Part 3)
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron)	IS 2386 (Part 1)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
51	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45 µ Sieve	IS 1727
52	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Height)	IS 13757
53	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Width)	IS 13757
54	MECHANICAL- BUILDINGS MATERIALS	Fly Ash-Lime Bricks	Dimension (Height)	IS 12894

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10892 **Page No** 4 of 5

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

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55	MECHANICAL- BUILDINGS MATERIALS	Fly Ash-Lime Bricks	Dimension (Length)	IS 12894
56	MECHANICAL- BUILDINGS MATERIALS	Fly Ash-Lime Bricks	Dimension (Width)	IS 12894
57	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
58	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension	IS 15658, Annex B
59	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658, Annex C
60	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	0.2 % Proof Stress	IS 1608 (Part 1)
61	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Bend Test	IS 1599
62	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Elongation	IS 1608 (Part 1)
63	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Mass per meter	IS 1786
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Re-bend Test	IS 1786
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Tensile Strength	IS 1608 (Part 1)
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bar / TOR Steel	Yield Strength	IS 1608 (Part 1)
67	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
68	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
69	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum dry density)	IS 2720 (Part 8)
70	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum moisture content)	IS 2720 (Part 8)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10892 **Page No** 5 of 5

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71	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum dry density)	IS 2720 (Part 7)
72	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
73	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
74	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Section 1)
75	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)