National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAPPID TEST LAB PRIVATE LIMITED, BLOCK-A, RAUT CITY, COMMERCIAL COMPLEX, GARIKHANA, KHAGAUL, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10214 **Page No** 1 of 5

Validity 12/01/2022 to 11/01/2024 **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	Pzzolanic Materials	Fineness – specific surface in m²/kg by Blain's permeability method	IS 1727
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash/Fire Point	IS 1209
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration (1/10 of mm) Division	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity	IS 1202
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS:3495(Part-1)
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS:1077
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension(Height)	IS:1077
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension(Width)	IS:1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS:3495(Part-3)
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS:3495(Part-2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Compressive Strength	IS 4031 (Part 6)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Density	IS 4031 (Part-11)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Final Setting Time	IS 4031 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Fineness by Blaine's Permeability Method	IS 4031 (Part-2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Fineness by dry sieving	IS 4031 (Part-1)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Initial Setting Time	IS 4031 (Part 5)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Soundness by Le to Chatelier Method	IS 4031 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Standard Consistency	IS 4031 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/ PPC/ PSC)	Soundness by Autoclave Method	IS 4031 Part 3
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 Part-4
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part-4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part-2)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS 2386 (Part-4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part-4)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75-Micron	IS 2386 (Part-1)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve analysis (80 mm to 2.36 mm)	IS 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness MgSO4 & Na2SO4	IS 2386 (Part-5)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
36	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
37	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump	IS 1199

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38	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Compressive Strength	IS 516
39	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Final Setting time	IS 8142
40	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Initial Setting time	IS 8142
41	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Bleeding	IS 9103 (Annex-D)
42	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Dry Material Content	IS 9103
43	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Flexure Strength	IS 516
44	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Loss of work ability on standing, slump	IS 9103
45	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Relative Density	IS 9103 (Annex-E)
46	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Slump	IS 1199 (Part-2)
47	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part-3)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand	IS 2386 (Part-3)
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part-2)
51	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75-Micron	IS 2386 (Part-1)
52	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic impurities	IS 2386 (Part-2)
53	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis (10 mm to 0.150 mm)	IS 2386 (Part-1)
54	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	SoundnessMgSO4 &Na2SO4	IS 2386 (P-5)
55	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
56	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)

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57	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
58	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
59	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
60	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
61	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658
62	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength/ Breaking Load	IS 15658
63	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water absorption	IS 15658
64	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Specific Gravity	IS 1727
65	MECHANICAL- BUILDINGS MATERIALS	Road Aggregates	Stripping Value	IS 6241
66	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Bend Test	IS 1599
67	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Elongation Percent	IS 1608 (Part-1)
68	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Mass Per Meter	IS 1786
69	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Pull Out Test	IS 2770 (Part-1)
70	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Rebend Test	IS 1786
71	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Tensile Strength	IS 1608 (Part-1)
72	MECHANICAL- BUILDINGS MATERIALS	TMT/ Reinforcement/ Structural steel	Yield Stress	IS 1608 (Part-1)
73	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture	IS 6186
74	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
75	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part-16)

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76	MECHANICAL- SOIL AND ROCK	Soil	Free swelling	IS 2720 (Part-40)
77	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part -4)
78	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part-8)
79	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part -8)
80	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part-7)
81	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part-7)
82	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
83	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part-5)
84	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS:2720(P-3,Sec. I & II)
85	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS:2720(Part-2)