National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ACROPOLIS TESTING AND ANALYTICAL LABORATORY, INDORE BYPASS ROAD, MANGLIYA SQUARE, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 24/05/2022 to 23/05/2024 **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	AAC Block	Compressive Strength	IS-6441 (Part 5)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density	IS-6441 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension : Height	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension : Length	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension : Width	IS 2185 Part 3
6	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS-6441 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Admixture	Relative Density	IS 9103
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Emulsion /Polymer Modified Bitumen	Ductility	IS 1208
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 11
10	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay)	Dimension: Height	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay)	Compressive Strength	IS 3495 Part 1
12	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimension: Length	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimension: Width	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay)	Efflorescence	IS 3495 Part 3
15	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Water Absorption	IS 3495 Part 2
16	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Compressive Strength	IS-3495: (Part – 1)
17	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimension height	IS-13757
18	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimension Length	IS-13757

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19	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimension Width	IS-13757
20	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Efflorescence	IS-3495: (Part – 3)
21	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Water Absorption	IS-3495: (Part – 2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Compressive Strength (3Days)	IS- 4031: (Part-6)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Compressive Strength (7Days)	IS- 4031: (Part-6)
24	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Compressive Strength (28Days)	IS- 4031: (Part-6)
25	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Consistency	IS-4031: (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Final Setting Time	IS- 4031: (Part-5)
27	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Fineness by Dry Sieving	IS-4031: (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Initial Setting Time	IS- 4031:(Part-5)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	soundness of cement by le-chatelier's method	IS-4031: (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Specific gravity	IS-4031: (Part-11)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate/WMM/WBM	Specific Gravity	IS-2386:(Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	10 % fine Value	IS-2386: (Part-4)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Bulk Density (Loose)	IS-2386: (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Bulk Density (Rodded)	IS-2386: (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Clay Lumps	IS-2386: (Part-2)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Crushing Value	IS-2386 (Part-4)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Elongation	IS-2386: (Part-1)

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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Flakiness	IS-2386: (Part-1)
39	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Impact Value	IS-2386: (Part-4)
40	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Loss Angeles Abrasion Value	IS-2386:(Part-4)
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Sieve Analysis	IS-2386:(Part-1)
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Soundness by Magnesium Sulphate Solution	IS-2386: (Part-5)
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Soundness by Sodium Sulphate Solution	IS-2386: (Part-5)
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates/WMM/WBM	Water Absorption	IS-2386:(Part-3)
45	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Dimension: Length	IS-15658
46	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Dimension: Thickness	IS-15658
47	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Dimension: Width	IS-15658
48	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Compressive Strength	IS-15658
49	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Water Absorption	IS-15658
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS-2386 (Part-3)
51	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS-2386: (Part-3)
52	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS-2386:(Part-3)
53	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material: Silt and Clay	IS-2386:(Part-2)
54	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Light Weight Particles	IS-2386: (Part-2)
55	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer then 75 micron	IS 2386 (part 1)
56	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS-2386: (Part-2)

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57	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
58	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Magnesium Sulphate Solution	IS-2386: (Part-5)
59	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate Solution	IS-2386: (Part-5)
60	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS-2386: (Part-3)
61	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS-2386: (Part-3)
62	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Final Setting Time	IS 1199 Part 7
63	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Initial Setting Time	IS 1199 Part 7
64	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Temperature of Fresh Concrete	IS 1199 Part 2
65	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability of Concrete by Compacting Factor Test	IS 1199 Part 2
66	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability of Concrete by Slum Cone Test	IS 1199 Part 2
67	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability of Concrete by Vee Bee Cosistometer Test	IS 1199 Part 2
68	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Concrete Cube	IS 516 Part 1 Section 1
69	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density of Concrete Cube	IS 516 Part 2 Section 1
70	MECHANICAL- BUILDINGS MATERIALS	OPC	Compressive Strength (28 Days)	IS 4031 (part 6)
71	MECHANICAL- BUILDINGS MATERIALS	OPC	Compressive Strength (3 Days)	IS 4031 (Part 6)
72	MECHANICAL- BUILDINGS MATERIALS	OPC	Compressive Strength (7 Days)	IS 4031 (Part 6)
73	MECHANICAL- BUILDINGS MATERIALS	OPC	Consistency of Cement	IS 4031 (Part 4)
74	MECHANICAL- BUILDINGS MATERIALS	OPC	Final Setting time	IS 4031 (Part 5)
75	MECHANICAL- BUILDINGS MATERIALS	OPC	Fineness by Dry Sieving	IS 4031 (Part 1)

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76	MECHANICAL- BUILDINGS MATERIALS	OPC	Initial Setting Time	IS 4031 Part 5
77	MECHANICAL- BUILDINGS MATERIALS	OPC	Soundness of Cement by Le-chatelier's method	IS 4031 part 3
78	MECHANICAL- BUILDINGS MATERIALS	OPC	Specific Gravity	IS 4031 Part 11
79	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend test	IS-1599
80	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1786
81	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Rebend test	IS 1786
82	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Tensile stress	IS 1608 Part 1
83	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Weight per meter	IS 1786
84	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield stress	IS 1608 Part 1
85	MECHANICAL- BUILDINGS MATERIALS	Tiles (Vitrified/ Ceramic	Dimension: Thickness	IS 13630 (Part 6)
86	MECHANICAL- BUILDINGS MATERIALS	Tiles (Vitrified/ Ceramic)	Dimension: Length	IS 13630 (Part 6)
87	MECHANICAL- BUILDINGS MATERIALS	Tiles (Vitrified/ Ceramic)	Dimension: Width	IS 13630 (Part 6)
88	MECHANICAL- BUILDINGS MATERIALS	Tiles (Vitrified/ Ceramic)	Water Absorption	IS 13630 (Part 2)
89	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid limit	IS-2720: (Part-5)
90	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
91	MECHANICAL- SOIL AND ROCK	Bentonite	Particle Passing by dry sieving, 150 microns IS Sieve	IS 6186
92	MECHANICAL- SOIL AND ROCK	Bentonite	Particle Passing by dry sieving, 45 microns IS Sieve	IS 6186
93	MECHANICAL- SOIL AND ROCK	Bentonite	Particle Passing by dry sieving, 75 microns IS Sieve	IS 6186
94	MECHANICAL- SOIL AND ROCK	Bentonite	Particle Retained by weight sieving, 150 microns IS Sieve	IS 6186

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95	MECHANICAL- SOIL AND ROCK	Bentonite	Plastics limit	IS-2720: (Part-5)
96	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
97	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	California Bearing Ratio Socked	IS-2720: (Part-16)
98	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	California Bearing Ratio Un socked	IS-2720: (Part-16)
99	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Grain size analysis	IS-2720: (Part-4)
100	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Liquid limit	IS-2720: (Part-5)
101	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Maximum Dry Density ,Modified Proctor	IS-2720: (Part-8)
102	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Maximum Dry Density ,Standard Proctor	IS-2720: (Part-7)
103	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	optimum moisture content, Modified Proctor	IS-2720: (Part-8)
104	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	optimum moisture content, Standard Proctor	IS-2720: (Part-7)
105	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Plasticity Index	IS-2720: (Part-5)
106	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Plastics limit	IS-2720: (Part-5)
107	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 Part 2
108	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
109	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
110	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS-2720: (Part-5)
111	MECHANICAL- SOIL AND ROCK	Soil and Murum	California Bearing Ratio Soaked	IS 2720 Part 16
112	MECHANICAL- SOIL AND ROCK	Soil and Murum	California Bearing Ratio Un soaked	Is 2720 Part 16
113	MECHANICAL- SOIL AND ROCK	Soil and Murum	Grain Size Analysis	IS 2720 Part 4

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114	MECHANICAL- SOIL AND ROCK	Soil and Murum	Liquid Limit	IS 2720 Part 5
115	MECHANICAL- SOIL AND ROCK	Soil and Murum	Maximum Dry Density Modified Proctor	IS 2720 PART: 8
116	MECHANICAL- SOIL AND ROCK	Soil and Murum	Maximum Dry Density Standard Proctor	IS 2720 Part 7
117	MECHANICAL- SOIL AND ROCK	Soil and Murum	Optimum Moisture Content Modified Proctor	IS 2720 Part 8
118	MECHANICAL- SOIL AND ROCK	Soil and Murum	Optimum Moisture Content Standard Proctor	IS 2720 Part 7
119	MECHANICAL- SOIL AND ROCK	Soil and Rock	Free Swell Index	IS 2720 : Part 40
120	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse Velocity	IS 516 : Part 5 : Section 1
121	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS-13311:(Part 2)