National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AWADHIYA CONSULTANCY & TESTING LABORATORY, REWA, RAMPUR BAGHELAN, SATNA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8706 **Page No** 1 of 6

Validity 31/10/2021 to 30/10/2023 **Last Amended on** 25/11/2022

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	Autoclaved Cellular Concrete	Dimension (Length)	IS 2185 ,Part-3
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete	Dimension (Width)	IS 2185 ,Part-3
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete	Moisture Content	IS 6441 ,Part-1
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete	Unit Weight	IS6441 ,Part-1
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Absolute Viscosity at 60°C	IS:1206,(Part-2)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Binder Content	ASTM D 2172
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Ductility	IS:1208
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Fire Point	IS:1209
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Flash Point	IS:1209
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Marshall Stability	MS-2/MORTH
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Penetration	IS 1203, 1978
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Residue on 600 micron	Is 8887
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Softening Point	IS:1205
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen for Paving & Industrial	Specific Gravity	IS:1202
15	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Flyash Bricks	Water absorption	IS 3495 Part 2
16	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay /Flyash Brick	Dimension (Height)	IS 13757
17	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay /Flyash Brick	Dimension (Length)	IS 13757
18	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay /Flyash Brick	Dimension (Width)	IS 13757

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19	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay /Flyash Brick	Efflorescence	IS 3495:Part-3
20	MECHANICAL- BUILDINGS MATERIALS	Burnt clay/Fly Ash Bricks	Compressive strength	IS 3495 Part 01
21	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Compressive Strength	IS:4031 (Part-6)
22	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Density//Specific Gravity	IS:4031 (Part-11)
23	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Final Setting Time	IS:4031 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Fineness: Dry Sieving	IS:4031 (Part-1)
25	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Initial setting Time	IS:4031 (Part-5)
26	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Soundness by Le-Chatelier Mould	IS:4031 (Part-3)
27	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC/OPC)	Standard Consistency	IS:4031 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Length	IS 13630 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS 13630 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS 13630 (Part-1)
31	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Width	IS 13630 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water absorption	IS 2386 Part-3
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 Part 3
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part 4
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material and organic	IS 2386 Part-2
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angels Abrasion Value	IS 2386 Part 4
37	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve analysis (80mm to 2.36 mm)	IS 2386 Part -4

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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part-4
39	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Impact value	IS 2386 Part -4
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 Part 03
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand	IS 2386 Part 3
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material and Organic Impurities	IS 2386 Part-1
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron IS Sieve	IS 2386 Part-1
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	seive analysis	IS 2386 part 1 1963
45	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis (10mm to 0.150 mm)	IS 2386 Part -01
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specification Vol-1 (Clause 3.1.3.2)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture Content	IS 2386 Part-3
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part 3
49	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Specific gravity	IS 2386 Part 3
50	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199
51	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive strength	IS 516
52	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
53	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Visual Inspection	IS 15658
54	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS15658
55	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation %	IS 1608 (Part-1)
56	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass per Meter	IS 1786

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57	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 Part 1
58	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 Part 1
59	MECHANICAL- BUILDINGS MATERIALS	Vitrified/Ceramic Tiles	Rasistance of Surface Abrasion	IS 13360, Part-11
60	MECHANICAL- BUILDINGS MATERIALS	Vitrified/Ceramic Tiles	Water Absorption	IS:13630,Part-2
61	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutters	Knife Test	IS 4020 (Part-14)
62	MECHANICAL- SOIL AND ROCK	Natural Rock	Density	IS 13030,1991
63	MECHANICAL- SOIL AND ROCK	Natural Rock	Un Confined Compressive Strength	IS 9143,1979 RA
64	MECHANICAL- SOIL AND ROCK	Natural Rock	Water COntent	IS 13030,1991 RA
65	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 Part 16 1987
66	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Angle)	IS 2720 Part 13,1986,RA
67	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Cohesion Value	IS 2720 Part 13,1986 RA
68	MECHANICAL- SOIL AND ROCK	Soil	FDD by Sand Replacement Method	IS 2720 Part 28 1974
69	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS 2720 Part 40 1977
70	MECHANICAL- SOIL AND ROCK	Soil	Grain Sieve Analysis	IS 2720 Part 4,1985
71	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part 8,1983
72	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 Part 8,1983
73	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 Part 7 1980
74	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 Part 7 1980
75	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 Part 2,1973

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76	MECHANICAL- SOIL AND ROCK	soil	Triaxial Shear CU Cohesion Value	IS 2720 Part 12
77	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test CU Angle	IS 2720 Part 12
78	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test UU Cohesion Value	IS 2720 Part 11 1993
79	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear UU Angle	IS 2720 Part 11, 1993
80	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit	IS 2720 Part 5 1985

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test (UPV)	IS:516 (Part-5/Sec-1)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforceed Concrete Structures	Rebound Hammer	IS:516 pt 5 sec4