



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

JANCY LABS PRIVATE LIMITED, NO.6,GANESH NAGAR 3RD STREET,SURYA
NAGAR, MADURAI, TAMIL NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12176

Page No

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Validity

31/08/2025 to 30/08/2029

Last Amended on 04/11/2025

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 Testing				
1	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Bulk Density	IS 6441 PART 1
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive strength	IS 6441 PART 5
3	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS 6441 PART 1
4	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mixtures	Marshall Flow	ASTM D 6927
5	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mixtures	Marshall Stability	ASTM D 6927
6	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mixtures	Quantitative Extraction of Asphalt Binder	ASTM D 2172
7	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mixtures	Theoretical Maximum Specific Gravity(Gmm)	ASTM 2041
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity @ 60°C	IS 1206 PART 2
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point(Cleveland open cup method)	IS 1448 [P:69]
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity @ 135°C	IS 1206 PART 3
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in TCE	IS 1216
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of emulsion at low temperature	IS 8887
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron	IS 8887
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage stability after 24 hours	IS 8887



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20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue-Ductility	IS 1208 PART 1
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue-Penetration	IS 1203
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue-Residue by Evaporation	IS 8887
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue-Solubility in trichloroethylene	IS 1216
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer	IS 3117
25	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (DBM/BC)	Bulk Specific Gravity	AASHTO T 275
26	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (DBM/BC)	Density	ASTM D 2726
27	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (DBM/BC)	Tensile Strength Ratio	AASHTO T 283
28	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Block	Dimension (Width)	IS 1077
29	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Block	Dimension(Height)	IS 1077
30	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 PART 1
31	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions(Length)	IS 1077
32	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 PART 3
33	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 PART 2
34	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 PART 6
35	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 PART 4
36	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 PART 11
37	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting time	IS 4031 PART 5
38	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness	IS 4031 PART 1
39	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 PART 5



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40	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness Le Chatelier	IS 4031 PART 3
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion	IS 2386 PART 4:
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soft Particles	IS 2386 PART 2
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness for Magnesium Sulphate	IS 2386 PART 5
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness for Sodium Sulphate	IS 2386 PART 5
45	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
46	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 PART 4
47	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate impact Value	IS 2386 PART 4
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 Part 3:
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Clay Lumps	IS 2386 PART 2:
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part 1:
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part 1 :
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75 to 80mm)	IS 2386 Part 1:
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part 3:
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Ten Percent Fines Value	IS 2386 PART 4 :
55	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 PART 3:
56	MECHANICAL- BUILDINGS MATERIALS	Concrete	Accereleated curing test	IS 9013
57	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1, Sec 1)
58	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength of Moulded Concrete	IS 516 (Part 1, Sec 1)
59	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Test	IS 1199 (Part 2)



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60	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Dimension (Height)	IS 2185 Part 1
61	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Dimension (Width)	IS 2185 Part 1
62	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks	Block Density	IS 2185 PART 1
63	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks	Compressive Strength	IS 2185 PART 1
64	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks	Dimension(Length)	IS 2185 PART 1
65	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks	Water Absorption	IS 2185 PART 1
66	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 PART 3
67	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 PART 2
68	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 PART 2
69	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness for Magnesium Sulphate	IS 2386 PART 5
70	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness for Sodium Sulphate	IS 2386 PART 5
71	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 PART 3
72	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (75 µm to 4.75 mm)	IS 2386 PART 1
73	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 PART 3
74	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Water Absorption	IS 2386 PART 3
75	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Impact Value	IS 2386 PART 4
76	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Sieve Analysis (75mm, 53mm, 26.5mm, 9.5mm, 4.75mm, 2.36mm, 0.85mm, 0.425mm, 0.075mm)	IS 2386 PART 1
77	MECHANICAL- BUILDINGS MATERIALS	paver block	compressive strength	IS 15658
78	MECHANICAL- BUILDINGS MATERIALS	paver block	Water absorption	IS 15658



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79	MECHANICAL- BUILDINGS MATERIALS	Steel	Bend (Mandrel Size-24mm, 30mm, 32mm, 36mm, 40mm, 48mm, 50mm, 60mm, 64mm, 80mm, 100mm, 125mm, 128mm, 150mm, 160mm, 192mm)	IS 1599
80	MECHANICAL- BUILDINGS MATERIALS	Steel	Elongation	IS 1608 (Part 1)
81	MECHANICAL- BUILDINGS MATERIALS	Steel	Mass/Meter	IS 1786
82	MECHANICAL- BUILDINGS MATERIALS	Steel	Tensile Strength	IS 1608 (Part 1)
83	MECHANICAL- BUILDINGS MATERIALS	Steel	Yield Strength	IS 1608 (Part 1)
84	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 PART 1
85	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 PART 1
86	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 PART 4
87	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (53mm to 75μ)	IS 2386 PART 1
88	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 PART 3
89	MECHANICAL- SOIL AND ROCKS	Granular Subbase	California Bearing Ratio	IS 2720 PART 16
90	MECHANICAL- SOIL AND ROCKS	Granular Subbase	Liquid Limit	IS 2720 PART 5
91	MECHANICAL- SOIL AND ROCKS	Granular Subbase	Maximum Dry Density	IS 2720 PART 8
92	MECHANICAL- SOIL AND ROCKS	Granular Subbase	Optimum Moisture Content	IS 2720 PART 8
93	MECHANICAL- SOIL AND ROCKS	Soil	Angle of Internal Friction	IS 2720 PART 13
94	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio	IS 2720 PART 16
95	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear Test - Cohesion	IS 2720 PART 13
96	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 Part 40
97	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction-MDD	IS 2720 PART 8

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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98	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction-OMC	IS 2720 PART 8
99	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction-MDD	IS 2720 PART 7
100	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction-OMC	IS 2720 PART 7
101	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit (by casagrande method)	IS 2720 PART 5
102	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit (by cone penetrometer)	IS 2720 PART 5
103	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS 2720 PART 5
104	MECHANICAL- SOIL AND ROCKS	Soil	Sieve Analysis(by dry sieving)	IS 2720 PART 4
105	MECHANICAL- SOIL AND ROCKS	Soil	Sieve Analysis(soil passing 4.75 mm sieve)	IS 2720 PART 4
106	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 PART 3 SEC 1
107	MECHANICAL- SOIL AND ROCKS	Soil	Water content	IS 2720 PART 2
108	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Liquid Limit	IS 2720 PART 5
109	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Maximum Dry Density	IS 2720 PART 8
110	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Optimum Moisture Content	IS 2720 PART 8



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Site Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of Fine Aggregate	IS 2386 PART 3
2	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Surface Moisture(Fine Aggregate)	IS 2386 PART 3
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 PART 5 SEC 4
4	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Tests	IS 516 PART 5 SEC 1