National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DPNL LABORATORY PRIVATE LIMITED, INDUSTRIAL AREA, RANI BAZAR, BIKANER, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10993 **Page No** 1 of 4

Validity 16/09/2022 to 15/09/2024 **Last Amended on** 19/10/2022

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	Bitumen	Absolute Viscosity	IS 1206
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix/Core	Binder Content	ASTM D2172
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix/Core	Marshal Flow	ASTM D6927
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix/Core	Marshal Stability	ASTM D6927
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Compressive Strength	IS 3495 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Length)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Thickness)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Width)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 (Part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (28 Days)	IS 4031 (Part 6)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (3 Days)	IS 4031 (Part 6)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (7 Days)	IS 4031 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part 4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve 2.36 to 80 mm)	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/Section 1)
30	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 (Part 1/Section 1)
31	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump	IS 1199 (Part 2)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Gradation (0.075 mm to 10.0mm)	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
36	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
37	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)

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38	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
39	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
40	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
41	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
42	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
43	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
44	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
45	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
46	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
47	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Load Test (Compression Load Test)	IS 2911 (Part 4)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Load Test (Lateral Load Test)	IS 2911 (Part 4)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Load Test (Pull Out Load Test)	IS 2911 (Part 4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5/Section 4)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)