National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDEPENDENT CONSULTANTS AND TECHNOCRATES, A-35, PAWAN PARK SOCIETY, NIZAMPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5565 **Page No** 1 of 5

Validity 08/05/2022 to 07/05/2024 **Last Amended on** 11/05/2022

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 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Binder Content	IRC 54
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS:1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point Test	IS:1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS:1202
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS:1077
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Thickness)	IS:1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (width)	IS:1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS:3495 (Part-3)
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS:3495 (Part-2)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031(Part-6)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031(Part-11)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting	IS 4031(Part-5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air Permeability	IS 4031 (Part-2)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting	IS 4031(Part-5)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le Chatlier	IS 4031 (Part-3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS:2386 (Part-3)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (Part-3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Elongation Index	IS:2386 (Part-1)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Flakiness Index	IS:2386 (Part-1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Grading (Sieve Analysis)	IS:2386 (Part-1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Impact Value	IS:2386 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Los Angeles Abrasion Value	IS:2386 (Part-4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / GSB / WBM / WMM	Water Absorption	IS:2386 (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Concrete (Fresh)	Slump Test	IS 10262 and IS 1199 (part-2)
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 Part 4
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Grading (Sieve Analysis)	IS:2386 (Part-1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part-3)
36	MECHANICAL- BUILDINGS MATERIALS	Flyash	Compressive Strength	IS 1727
37	MECHANICAL- BUILDINGS MATERIALS	Flyash	Consistency	IS 1727

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38	MECHANICAL- BUILDINGS MATERIALS	Flyash	Final Setting Time	IS 1727
39	MECHANICAL- BUILDINGS MATERIALS	Flyash	Fineness by Blaine's air permeability	IS 1727
40	MECHANICAL- BUILDINGS MATERIALS	Flyash	Initial Setting Time	IS 1727
41	MECHANICAL- BUILDINGS MATERIALS	Flyash	Soundness	IS 1727
42	MECHANICAL- BUILDINGS MATERIALS	Flyash	Specific Gravity	IS 1727
43	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS:516 (PART-1/ SEC-1)
44	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658, Annex-D
45	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658, Annex-C
46	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (PART-1)
47	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Sectional Weight	IS 1786
48	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Stress	IS 1608 (PART-1)
49	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 PART-1
50	MECHANICAL- SOIL AND ROCK	Rock	Apparent Porosity	IS:1124
51	MECHANICAL- SOIL AND ROCK	Rock	Apparent Specific Gravity	IS:1124
52	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
53	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS:8764
54	MECHANICAL- SOIL AND ROCK	Rock	True Specific Gravity	IS:1122
55	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS:9243
56	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS:1124

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57	MECHANICAL- SOIL AND ROCK	Soil	Consolidation - Compression Index, Cc	IS 2720 Part 15
58	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test - Angle of internal friction	IS 2720 Part 13
59	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test - cohesion	IS 2720 Part 13
60	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part- 40)
61	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis 1. Wet Sieving	IS 2720 (Part-4)
62	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis - Hydrometer	IS 2720 Part 4
63	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3)
64	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS:2720 (Part 41)
65	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test - Angle of internal Friction	IS 2720 Part 11
66	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test - cohesion	IS 516 Part 11
67	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS:2720 (Part 10)
68	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Atterberg's Limits - Liquid Limit	IS: 2720 (Part-5)
69	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	CBR Value (Soaked)	IS:2720 (Part 16)
70	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	CBR Value (unsoaked)	IS:2720 (Part 16)
71	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Heavy Compaction - Maximum Dry Density	IS:2720 (Part-8)
72	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Light Compaction - Maximum Dry Density	IS:2720 (Part-7)
73	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Light Compaction - Optimum Moisture Content	IS:2720 (Part-7)
74	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Plastic Limit	IS: 2720 (Part-5)
75	MECHANICAL- SOIL AND ROCK	Soil and Coarse Granular Material	Heavy Compaction - Optimum Moisture Content	IS:2720 (Part-8)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil and Rock	Modulus of Sub grade Reaction (K-value)	IS 9214
2	MECHANICAL- SOIL AND ROCK	Soil and Rock	Pile Load Test (Vertical)	IS:2911 (PART-4)
3	MECHANICAL- SOIL AND ROCK	Soil and Rock	Pile Load Test (Lateral)	IS:2911 (PART-4)
4	MECHANICAL- SOIL AND ROCK	Soil and Rock	Pile Load Test (Pull Out)	IS:2911 (PART-4)
5	MECHANICAL- SOIL AND ROCK	Soil and Rock	Plate Load Test	IS:1888
6	MECHANICAL- SOIL AND ROCK	Soil and Rock	Standard Penetration Test	IS:2131
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Bridge Load Test	IRC:SP:51
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Test	IS 516 (Part 5 Sec 2)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5 Sec 4)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5 Sec 1)