National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : URBAN LAB + CONSULTANTS, OFFICE NO.: 10, 06, BLDG. NO.: 01, SINDHI COLONY, RAM NAGAR MARG, BORIVALI - WEST, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-4106 **Page No** 1 of 5

Validity 09/05/2023 to 08/05/2025 **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	Aggregate - Coarse	Bulk Density	IS 2386 (Part 3)
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Crushing Value	IS 2386 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Elongation Index	IS 2386 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Flakiness Index	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Impact Value	IS 2386 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Sieve Analysis	IS 2386 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Specific Gravity	IS 2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Water Absorption	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Bulk Density	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Material Finer than 75 Micron	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Percentage of Bulking	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Sieve Analysis	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Specific Gravity	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Water Absorption	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Bulk Density	IS 6441(Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441(Part 5)
17	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions: Height	IS 2185 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions: Length	IS 2185 (Part 3)

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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
19	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions: Width	IS 2185 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Drying Shrinkage	IS 6441(Part 2)
21	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Moisture Content	IS 6441(Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions: Width	IS 1077
23	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Water Absorption	IS 3495 (Part 2)
24	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Compressive Strength	IS 3495 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions: Height	IS 1077
26	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions: Length	IS 1077
27	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Efflorescence	IS 3495 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Compressive Strength	IS 3495 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimensions: Length	IS 13757
30	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimensions: Height	IS 13757
31	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Dimensions: Width	IS 13757
32	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Efflorescence	IS 3495 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly Ash)	Water Absorption	IS 3495 (Part 2)
34	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by Dry Sieving	IS 4031 (Part 2)
35	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive Strength	IS 4031 (Part 6)
37	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting Time	IS 4031 (Part 5)

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38	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
39	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Standard Consistency	IS 4031 (Part 4)
41	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
42	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
43	MECHANICAL- BUILDINGS MATERIALS	Chequered Concrete Tiles	Water Absorption	IS 13801
44	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength (Cube & Core)	IS 516:1959
45	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption	IS 516 Part 2/Sec 2
46	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Permeability Test	ASTM C 1202
47	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881-122
48	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permiability	IS 516 Part 2/Sec 1
49	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Fly Ash	Final Setting Time	IS 1727
50	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Fly Ash	Fineness by Blaine's Air Permeability	IS 1727
51	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Fly Ash	Fineness by Dry Sieving	IS 1727
52	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Fly Ash	Initial Setting Time	IS 1727
53	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Fly Ash	Soundness by Le-Chatelier Method	IS 1727
54	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS: 15658
55	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS:15658
56	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40):1977

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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
57	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part-8):1983
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part-8):1983
59	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part-7):1980
60	MECHANICAL- SOIL AND ROCK	soil	Light Compaction (OMC)	IS 2720 (Part-7):1980
61	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5):1985
62	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5):1985
63	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (Wet Analysis)	IS 2720 (Part-4)
64	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec-1)
65	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2): 1973

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil - Field Test	Dry Density by Core Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil - Field Test	Dry Density by Sand Replacement Method	IS 2720 (Part 28
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	IS 516 : Part 5 : Sec 3
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential Difference Test	IS 516 : Part 5 : Sec 2
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Integrity Test	ASTM D 5882
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pull-off Adhesion Strength of Coatings on Concrete	ASTM D 7234
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 : Part 5 : Sec 4
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultra Sonic Pulse Velocity Test	IS 516 : Part 5 : Sec 1