National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS INDIA PRIVATE LIMITED, CONSTRUCTION SERVICES LABORATORY, NO.33/1178 F1,CHALIKKAVATTOM, NEW NO. CC 47/1937 & 47/1938, KUMBALAPPALLY ROAD, VENNALA POST, COCHIN, KOCHI, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 06/10/2022 to 05/10/2024 **Last Amended on** 02/11/2022

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	Bricks	Compressive Strength	IS:3495 Part 1
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS:3495 Part 3
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS:3495 Part 2
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Compressive strength	IS:4031 Part 6
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Consistency	IS:4031 Part 4
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Density	IS:4031 Part 11
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Final setting time	IS:4031 Part 5
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Fineness (Blaine's method)	IS:4031 Part 2
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Fineness (Dry sieving)	IS:4031 Part 1
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Initial setting time	IS:4031 Part 5
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Soundness by Autoclave method	IS:4031 Part 3
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Soundness by Le-Chatlier's method	IS:4031 Part 3
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 Percent Fines Value	IS 2386 PART IV
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing value	IS:2386 PART IV
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact value	IS:2386 PART IV
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density Loose	IS 2386 Part 3
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density Rodded	IS 2386 Part 3
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 PART 2

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 Part 1
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 Part 1
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Particle finer than 75 microns	IS:2386 Part 1
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Sizes: 2.36 mm to 80 mm)	IS 2386 Part I
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part 3
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 PART 3
25	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Solid & Hollow)	Drying Shrinkage	IS:2185 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Solid & Hollow)	Moisture Movement	IS:2185 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Block Density	IS:2185 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Compressive Strength	IS:2185 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Water Absorption	IS:2185 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube & Core	Accelerated Compressive Strength	IS 9013
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube & Core	Compressive strength	IS 516 Part 1/Sec 1
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density Loose	IS 2386 Part 3
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density Rodded	IS 2386 Part 3
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 Part 3
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 Part 2
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle finer than 75 microns	Is 2386 Part I
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Sizes: 0.075 mm to 10 mm)	IS 2386 Part I

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS 2386 Part 3
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS 2386 Part 3
40	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Depth of Penetration of water under Pressure	DIN EN 12390-8
41	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Bend test	IS 1599
42	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Elongation	IS 1608 Part 1
43	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Rebend Test	IS 1786
44	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Ultimate Tensile strength	IS 1608 Part 1
45	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Weight/meter	BVIPL/KL/LDM/01
46	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars and wires for concrete reinforcement	Yield Stress	IS 1608 Part 1
47	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS:15658
48	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS:15658
49	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Bend test	IS 1599
50	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Tensile Test Elongation	IS 1608 Part 1
51	MECHANICAL- BUILDINGS MATERIALS	Structural steel	Tensile test- UTS	IS 1608 Part 1
52	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Tensile Test- Yield Stress	IS 1608 Part 1
53	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Weight/meter	BVIPL/KL/LDM/02
54	MECHANICAL- BUILDINGS MATERIALS	Wood	Moisture Content	IS:11215
55	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS:1124
56	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Hardness by Moh's Circle	IS:13630 Part 13

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57	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS:1124
58	MECHANICAL- SOIL- BASIC	Soils	Dry Density by Heavy Compaction	IS:2720 Part 8
59	MECHANICAL- SOIL- BASIC	Soils	Dry Density by Light Compaction	IS:2720 Part 7
60	MECHANICAL- SOIL- BASIC	Soils	Grain Size Analysis	IS:2720 Part 4
61	MECHANICAL- SOIL- BASIC	Soils	Liquid Limit	IS:2720 part 5
62	MECHANICAL- SOIL- BASIC	Soils	Plastic Limit	IS:2720 Part 5
63	MECHANICAL- SOIL- BASIC	Soils	Shrinkage Limit	IS:2720 Part 6
64	MECHANICAL- SOIL- BASIC	Soils	Specific Gravity	IS:2720 Part 3/Sec 1
65	MECHANICAL- SOIL- BASIC	Soils	Water content	IS 2720 Part 2
66	MECHANICAL- SOIL- BASIC	Soils	Water content by Heavy Compaction	IS:2720 Part 8
67	MECHANICAL- SOIL- BASIC	Soils	Water Content by Light Compaction	IS:2720 Part 7
68	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	EN 14630
69	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS:1881 Part 204
70	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential Test	ASTM C-876
71	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 Part 5/Sec 4
72	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 Part 5/Sec 1