National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS (INDIA) PRIVATE LIMITED, SHED NO: F-2/B, ROAD NO.9, IDA NACHARAM, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mixes (DBM/BC/SDBC/BM)	Binder Content	ASTM D 2172
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mixes (DBM/BC/SDBC/BM)	Density	ASTM D 2726
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mixes (DBM/BC/SDBC/BM)	Sieve Analysis	IS 2386:Part 1
4	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Compressive strength	IS:3495 (Part - 1)
5	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Water absorption	IS:3495 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Dimension (Width)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Dimensions (Length)	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Dimension (Height)	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay)	Efflorescence	IS:3495 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Center Curvature	IS 13630:Part 1
11	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Test	IS 13630:Part 9
12	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension Length	IS 13630:Part 1
13	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension Thickness	IS 13630:Part 1
14	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension Width	IS 13630:Part 1
15	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Edge Curvature	IS 13630:Part 1
16	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Hardness By Moh's Scale	IS 13630:Part 13
17	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularity	IS 13630:Part 1
18	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness	IS 13630:Part 1

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19	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Warpage	IS 13630:Part 1
20	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630:Part 2
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Agg. Abrasion Value (Los Angeles Abrasion value)	IS:2386 (Part - 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Agg. Crushing value	IS:2386 (Part - 4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Aggregate impact Value	IS:2386 (Part - 4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Bulk Density - Rodded	IS:2386 (Part - 3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Bulk Density-Loose	IS:2386 (Part - 3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Determination of 10% fines value	IS:2386 (Part - 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Elongation Index	IS:2386 (Part - 1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Flakiness Index	IS:2386 (Part - 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Materials finer than 75 microns	IS:2386 (Part - 1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Moisture Content	AASHTO T 255
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Sieve Analysis (Sieve Size: 2.36 mm to 80 mm)	IS 2386 (Part - 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Specific gravity	IS:2386 (Part - 3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate,Aggregates, Natural Crushed	Water absorption	IS:2386 (Part - 3)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete Beams	Flexural Strength	IS:516:Part 1:Sec1
35	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Block Density	IS:2185 (Part 1) ANNEX -E
36	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Compressive Strength	IS:2185 (Part 1) ANNEX -D
37	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Dimensional Analysis	IS:2185 (Part 1), Annex - B

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38	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Hollow/Solid	Water absorption	IS:2185 (Part 1) ANNEX -E
39	MECHANICAL- BUILDINGS MATERIALS	Concrete cubes & cores	Compressive strength	1S: 516 :Part 1:Sec 1
40	MECHANICAL- BUILDINGS MATERIALS	Concrete cubes & Cores & Beams	Compressive Strength by ACT Method	IS:9013
41	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks, Paver Blocks	Compressive Strength	IS : 15658
42	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks, Paver Blocks	Water Absorption	IS : 15658
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Bulk density - Loose	IS:2386 (Part - 3)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Bulk Density - Rodded	IS:2386 (Part - 3)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Bulking	IS:2386 (Part - 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Materials finer than 75 microns	IS:2386 (Part - 1)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Moisture Content	AASHTO T 255
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Sieve analysis (Sieve Size: 0.075 mm to 10 mm)	IS 2386 (Part - 1)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Specific gravity	IS:2386 (Part - 3)
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate,Aggregates, Natural Crushed	Water Absorption	IS:2386 (Part - 3)
51	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Comparative Compressive Strength	IS 1727
52	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness	IS 1727
53	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 Micron Sieve	IS 1727
54	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness By Autoclave Method	IS 1727
55	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
56	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Aggregate Impact Value	IS 2386 Part 4

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57	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Elongation Index	IS 2386 Part 1
58	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Flakiness Index	IS 2386 Part 1
59	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Sieve Analysis (Sieve Size: 0.075 mm to 75 mm)	IS 2386 Part 1
60	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Water Absorption	IS 2386 Part 3
61	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blas Furnace Slag	Density	IS 1727
62	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blas Furnace Slag	Fineness (Blaine's method)	IS 4031 : Part 2
63	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blas Furnace Slag	Slag Activity Index	IS 4031 Part 6
64	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Compressive strength	IS:4031(Part 6)
65	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Density	IS:4031(Part 11)
66	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Final setting time	IS:4031(Part 5)
67	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Fineness (Blaine’s method)	IS:4031(Part 2)
68	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Fineness by dry sieving	IS:4031(Part 1)
69	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Initial setting time	IS:4031(Part 5)
70	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Soundness By Autoclave Method	IS 4031 (Part 3)
71	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Consistency	IS 4031(Part 4)

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72	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement 33, 43, 53, Grades, Ordinary Portland Cement 43S, 53S Grades Portland Pozzolana Cement (Fly Ash Based) Portland Slag Cement	Soundness (Le-Chatelier's method)	IS 4031 (Part 3)
73	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated Concrete Blocks)	Compressive strength	IS 6441 (Part 5)
74	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated Concrete Blocks)	Density	IS 6441 (Part 5)
75	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated Concrete Blocks)	Dimensional Analysis (Length)	BVIPL/HYD/LDM/36/04
76	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated Concrete Blocks)	Dimensional Analysis (Thickness)	BVIPL/HYD/LDM/36/04
77	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated Concrete Blocks)	Dimensional Analysis (Width)	BVIPL/HYD/LDM/36/04
78	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Compressive Strength	IS 3495 (Part 1)
79	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Dimension (Height)	IS 12894
80	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Dimension (Length)	IS 12894
81	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Dimension (Width)	IS 12894
82	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Efflorescence	IS 3495 Part 3
83	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Fly Ash Lime Bricks	Water Abosrption	IS 3495 Part 2
84	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Aggregate Impact Value	IS 2386 Part 4
85	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Elongation Index	IS 2386 Part 1
86	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Flakiness Index	IS 2386 Part 1
87	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Sieve Analysis (Sieve Size: 0.075 mm to 53 mm)	IS 2386 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Water Absorption	IS 2386 Part 3
89	MECHANICAL- BUILDINGS MATERIALS	Wood	Moisture Content	IS: 11215

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90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	%Elongation	IS:1608 (Part 1)
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	0.2 % Proof Stress	IS:1608 (Part 1)
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Bend Test (Mandrel Diameter: 24 mm to 200 mm)	IS 1599
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Mass per meter	BVIPL/HYD/LDM/36/05
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Rebend Test (Mandrel Diameter: 24,30,32,36,40,48,60,64,80,100,112,125,128, 140,160,175,192,224 mm)	IS 1786
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Tensile strength	IS:1608 (Part 1)
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	% Elongation	IS:1608 (Part 1)
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Mass per meter	BVIPL/HYD/LDM/036 (02)
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Tensile Strength	IS:1608 (Part 1)
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Yield stress	IS:1608 (Part 1)
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	% Elongation	IS:1608 (Part 1)
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test (Mandrel Diameter: 12 mm to 96 mm)	IS 1599
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Mass per meter	BVIPL/HYD/LDM/36(03)

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103	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Tensile strength	IS:1608 (Part 1)
104	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield stress	IS:1608 (Part 1)
105	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	0.2% Proof Load	IS 14268
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Breaking Strength	IS 1608 (Part 1)
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Elongation	IS 14268
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Lay Length	BVIPL/HYD/LDM/36/01
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Modulus of Elasticity	IS 14268:
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Nominal Area	BVIPL/HYD/LDM/36/04
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Uncoated stree relieved low relation Seven-Ply strand for prestressed concrete	Nominal Mass	IS 14268
112	MECHANICAL- SOIL- BASIC	Soil	Determination of Water Content using Light Compaction	IS 2720 Part 7
113	MECHANICAL- SOIL- BASIC	Soil	Determination of Dry Density Light Compaction	IS 2720 Part 7
114	MECHANICAL- SOIL- BASIC	Soil	Determination of Specific Gravity of Soil	IS 2720(Part 3 by sec 1)
115	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis by Hydro meter method	IS:2720 Part 4
116	MECHANICAL- SOIL- BASIC	Soil	Grain Size analysis by Sieving	IS 2720 Part 4
117	MECHANICAL- SOIL- BASIC	Soil	Laboratory Determination of CBR	IS:2720 (Part -16)
118	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS:2720 Part 5

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119	MECHANICAL- SOIL- BASIC	Soil	Moisture Content	IS:2720 Part 2
120	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS:2720 Part 5
121	MECHANICAL- SOIL- BASIC	Soil, Wet Mix Macadam,Granular Sub Base	Determination of Water Content -Heavy Compaction	IS 2720 Part 8
122	MECHANICAL- SOIL- BASIC	Soil, Wet Mix Macadam,Granular Sub Base	Determination of Dry Density Heavy Compaction	IS 2720 Part 8

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Site Facility				
1	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS:2720 (Part 40)
2	MECHANICAL- SOIL- FIELD	Soil	Field Density by Core Cutter Method	IS:2720 (PART 29)
3	MECHANICAL- SOIL- FIELD	Soil	Field Density by Sand Replacement Method	IS:2720 (PART 28)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Carbonation Test	EN: 14630
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Cover meter Test	BS: 1881 (Part 204)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer test	IS 516 : Part 5 : Sec 4
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity Test	IS: 516 part-5/sec-1