National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS INDIA PRIVATE LIMITED, CONSTRUCTION SERVICES LABORATORY, PLOT NO. - DP 102, NALLAKINARU STREET, MANGALAPURAM, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI, TAMIL NADU, INDIA

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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	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103 Annex E-2
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 6925 Clause -3
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103 Annex E-1
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103 Annex E-5
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103 Annex E-3
6	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Light weight Pieces (Coal and Lignite)	IS 2386 -Part 2
7	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Organic Impurities	IS 2386 - Part 2
8	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Potential Reactivity of Aggregates (Chemical Method)	IS 2386 - Part 7
9	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Soundness	IS 2386- Part 5
10	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Water Soluble Chloride (Cl)	EN 1744 - A1
11	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Water Soluble Sulphate (SO3)	EN 1744 - A1
12	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	pH Value	IS 2720- Part 26
13	CHEMICAL- BUILDING MATERIAL	Fine Aggregate, Coarse Aggregate, Aggregates, Natural, Crushed	Potential Reactivity of Aggregates (Chemical Method)	IS 2386 - Part 7
14	CHEMICAL- BUILDING MATERIAL	Flyash	calcium oxide (Lime as CaO)	IS 1727
15	CHEMICAL- BUILDING MATERIAL	Flyash	Chloride	IS 4032 Amnd No.2 Mar 2010 Clause 4.13
16	CHEMICAL- BUILDING MATERIAL	Flyash	Combined ferric oxide and alumina	IS 1727
17	CHEMICAL- BUILDING MATERIAL	Flyash	Loss on Ignition	IS 1727
18	CHEMICAL- BUILDING MATERIAL	Flyash	Magnesia (MgO)	IS 1727

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19	CHEMICAL- BUILDING MATERIAL	Flyash	Silica Content (As SiO2)	IS 1727
20	CHEMICAL- BUILDING MATERIAL	Flyash	Sulphuric Anhydride (SO3)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Alumina (Al2O3)	IS 4032 Clause 4.6.1
22	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Ferric oxide (Fe2O3)	IS 4032 Clause 4.5.2
23	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Insoluble Residue	IS 4032 Clause 4.10
24	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Lime as CaO	IS 4032 Clause 4.7.2
25	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Magnesia (MgO)	IS 4032 Clause 4.8.2
26	CHEMICAL- BUILDING MATERIAL	Granulated Slag For The Manufacture of Portland Slag Cement	Silica Content (As SiO2)	IS 4032 Clause 4.3
27	CHEMICAL- BUILDING MATERIAL	Hardened Cement Concrete	Chloride	IS 14959 – Part 2
28	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Alkalies i)Sodium Oxide (Na2O) ii) Potassium Oxide (K2O)	IS 4032 Clause 4.11
29	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Alumina Oxide (Al2O3)	IS 4032 Clause 4.6.1
30	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Calcium Oxide (Lime as CaO)	IS 4032Clause 4.7.2
31	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Chloride	IS 4032 Amnd No.2 Clause 4.13
32	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Ferric oxide(Fe2O3)	IS 4032 Clause 4.5.2
33	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Insoluble Residue	IS 4032 Clause 4.10
34	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Loss on Ignition	IS 4032 Clause 4.2

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35	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Magnesia (MgO)	IS 4032 Clause 4.8.2
36	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Silica Content (As SiO2)	IS 4032 Clause 4.3
37	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement 33, 43, 53, Grades , Ordinary Portland Cement 43S, 53S Grades Sulphate Resisting Portland Cement	Sulfuric Anhydride (SO3)	IS 4032 Clause 4.9
38	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement Portland Pozzolana Cement (Fly Ash Based)	Chloride	IS 4032 Amnd No.2 Mar 2010 Clause 4.13
39	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement, Portland Pozzolana Cement (Fly Ash Based)	Insoluble Residue	IS 4032 Clause 4.10
40	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement, Portland Pozzolana Cement (Fly Ash Based)	Loss on Ignition	IS 4032 Clause 4.2
41	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement, Portland Pozzolana Cement (Fly Ash Based)	Magnesia (MgO)	IS 4032 Clause 4.8.2
42	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement, Portland Pozzolana Cement (Fly Ash Based)	Sulfuric Anhydride (SO3)	IS 4032 Clause 4.9
43	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 P 23
44	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 P 22
45	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 - Part 26 (Electrometric Method)
46	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate as SO4	IS 2720 - Part 27 - 1977 Precipitation Method
47	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02N NaOH required to neutralize 100ml of water sample using phenolphthalein indicator)	IS 3025 Part 22
48	CHEMICAL- WATER	Construction Water	Alkalinity (Volume of 0.02N H2SO4 required to neutralize 100ml of water Sample using mixed indicator)	IS 3025 Part 23
49	CHEMICAL- WATER	Construction Water	Chloride (as Cl)	IS 3025 Part 32
50	CHEMICAL- WATER	Construction Water	Fixed Residue (Inorganic Solids)	IS 3025 Part 18
51	CHEMICAL- WATER	Construction Water	Non-filterable residue (Total suspended solids)	IS 3025 Part 17

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52	CHEMICAL- WATER	Construction Water	pH	IS 3025 Part 11
53	CHEMICAL- WATER	Construction Water	Sulphates (as SO3)	IS 3025 Part 24
54	CHEMICAL- WATER	Construction Water	Volatile Residue (Organic Solids)	IS 3025 Part 18
55	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
56	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Height	IS 1077
57	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Length	IS 1077
58	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Width	IS 1077
59	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
60	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
61	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Dimension Length	IS 13630 (Part 1)
62	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Dimension Thickness	IS 13630 (Part 1)
63	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile	Dimension Width	IS 13630 (Part 1)
64	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 (Part 13)
65	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Water absorption	IS 13630 (Part 2)
66	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Material finer than 75 micron	IS 2386 (Part 1)
67	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Aggregate Crushing Value	IS 2386 (Part-4)
68	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Aggregate Impact Value	IS 2386 (Part-4)
69	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
70	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Clay Lumps	IS 2386 (Part 2)
71	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Elongation Index	IS 2386 (Part 1)

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72	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Flakiness Index	IS 2386 (Part 1)
73	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Sieve Analysis (4.75 to 40 mm)	IS 2386 (Part 1)
74	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Specific Gravity	IS 2386 (Part 3)
75	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Ten Percent Fines Value	IS 2386 (Part 4)
76	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Voids percentage	IS 2386 P3
77	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, Aggregates, Natural, Crushed	Water Absorption	IS 2386 (Part 3)
78	MECHANICAL- BUILDINGS MATERIALS	Concrete Beams	Flexural Strength	IS 516
79	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube & Cores	Compressive Strength	IS 516
80	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks, Paver Blocks	Compressive Strength	IS 15658
81	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks, Paver Blocks	Flexural Strength	IS 15658
82	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks, Paver Blocks	Water Absorption	IS 15658
83	MECHANICAL- BUILDINGS MATERIALS	Concrete Tiles	Water absorption	IS 1237
84	MECHANICAL- BUILDINGS MATERIALS	Concrete Tiles	Wet transverse strength	IS 1237
85	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Silt Content	CPWD specification Appendix - c
86	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Voids Percentage	IS 2386 (Part 3)
87	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Bulk Density (Loose & Rodded)	IS 2386 (Part-3)
88	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Bulking of Fine Aggregate	IS 2386 (Part 3)
89	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Clay Lumps	IS: 2386 Part 2
90	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Material finer than 75 micron	IS 2386 (Part 1)

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91	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Sieve Analysis (0.075 to 10 mm)	IS 2386 (Part 1)
92	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Specific Gravity	IS 2386 (Part 3)
93	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate, Aggregates, Natural, Crushed	Water Absorption	IS 2386 (Part 3)
94	MECHANICAL- BUILDINGS MATERIALS	Granular Sub base	Dry Density Heavy Compaction	IS: 2720 (Part VII)
95	MECHANICAL- BUILDINGS MATERIALS	Granular Sub base	Liquid Limit	IS: 2720 (Part V)
96	MECHANICAL- BUILDINGS MATERIALS	Granular Sub base	Plastic Limit	IS: 2720 (Part V)
97	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Flakiness Index	IS: 2386 Part 1
98	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Aggregate Impact value	IS: 2386 part 4-A3
99	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Elongation Index	IS: 2386 Part 1
100	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Sieve Analysis (0.075 to 75mm)	IS: 2386 part 1-A3
101	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Water Absorption	IS: 2386 part 3
102	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Water content - Dry Density Relation using Heavy Compaction	IS: 2720 (Part VII)
103	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)
104	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)
105	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)
106	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)
107	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 Blaine's Air Permeability Method	IS 4031 (Part 2)

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108	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 Method	IS 4031 (Part 1)
109	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)
110	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)
111	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 Le-Chateliers Method	IS 4031 (Part 3)
112	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Bulk Density	IS 6441 (Part 1)
113	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
114	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Length	IS 2185 (Part 3)
115	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Thickness	IS 2185 (Part 3)
116	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Width	IS 2185 (Part 3)
117	MECHANICAL- BUILDINGS MATERIALS	Precast Hollow and Solid Concrete Blocks	Compressive Strength	IS 2185(P 1)
118	MECHANICAL- BUILDINGS MATERIALS	Precast Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
119	MECHANICAL- BUILDINGS MATERIALS	Precast Hollow and Solid Concrete Blocks	Block Density	IS 2185 (Part 1)
120	MECHANICAL- BUILDINGS MATERIALS	Pressed Clay Tile	Flexural Strength	IS 2690 (Part 1)
121	MECHANICAL- BUILDINGS MATERIALS	Pressed Clay Tile	Water absorption	IS 2690 (Part 1)
122	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Compressive Strength	IS 3495 PART 1
123	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Dimension - Length	IS 12894
124	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Dimension - Height	IS 12894

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125	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Dimension - Width	IS 12894
126	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Effloroscence	IS 3495 part 3
127	MECHANICAL- BUILDINGS MATERIALS	Pulverised Fuel Ash Lime Bricks	Water Absorption	IS 3495 Part 2
128	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Dry Density Heavy Compaction	IS: 2720 (Part VII)
129	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Liquid Limit	IS: 2720 (Part V)
130	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Plastic Limit	IS: 2720 (Part V)
131	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water content - Dry Density Relation using Heavy Compaction	IS: 2720 (Part VII)
132	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Sieve Analysis (0.075 to 75mm)	IS: 2386 part 1-A3
133	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Aggregate Impact value	IS: 2386 part 4-A3
134	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Elongation Index	IS: 2386 part 1 -A4
135	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Flakiness Index	IS: 2386 part 1 -A4
136	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Mecadam	Water Absorption	IS: 2386 part 3
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	0.2% Proof Stress	IS 1608 (Part 1)
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Bend	IS 1599
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Elongation	IS 1608 (Part 1)
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Rebend Test	IS 1786
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Yield Stress	IS 1608 (Part 1)

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142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Ultimate Stress	IS 1608 (Part 1)
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Elongation	IS: 1608 (Part 1)
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Ultimate Tensile Strength	IS: 1608 (Part 1)
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Yield Stress	IS: 1608 (Part 1)
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend	IS 1599
147	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Elongation	IS 1608 (Part 1)
148	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
149	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield Stress	IS 1608 (Part 1)
150	MECHANICAL- SOIL AND ROCK	Rock	Density	IS: 13030
151	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS: 13030
152	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
153	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS: 9143
154	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS: 13030
155	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS :2720 (Part -16)
156	MECHANICAL- SOIL AND ROCK	Soil	Consolidation	IS 2720 (PART 15)
157	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of internal friction	IS: 2720 (Part XIII) A-1

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS INDIA PRIVATE LIMITED, CONSTRUCTION SERVICES LABORATORY, PLOT NO. - DP 102, NALLAKINARU STREET, MANGALAPURAM, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 10/08/2022 to 09/08/2024 **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
158	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Heavy Compaction	IS: 2720 (Part VII)
159	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Light Compaction	IS: 2720 (Part VII) A-2
160	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part XL)
161	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS: 2720 (Part - IV)
162	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part V)
163	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (by Hydrometer Method)	IS: 2720 (Part IV)
164	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part V)
165	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS :2720 (Part -6)
166	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity of Soil	IS: 2720 (Part 3/sec/1)
167	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720(PART 10)
168	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS: 2720 (Part II) A-1
169	MECHANICAL- SOIL AND ROCK	Soil	Water content - Dry Density Relation using Heavy Compaction	IS: 2720 (Part VII)
170	MECHANICAL- SOIL AND ROCK	Soil	Water content -Dry Density Relation using Light Compaction	IS: 2720 (Part VII) A-2
171	MECHANICAL- SOIL AND ROCK	Stone	Apparent Specific Gravity	IS: 1124
172	MECHANICAL- SOIL AND ROCK	Stone	Compressive Strength	IS: 1121 Part 1
173	MECHANICAL- SOIL AND ROCK	Stone	Porosity	IS: 1124
174	MECHANICAL- SOIL AND ROCK	Stone	Water Absorption	IS: 1124

SCOPE OF ACCREDITATION

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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
175	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Corrosion Potentials of Uncoated Reinforcing Steel in Corrosion Concrete	ASTM C876
176	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Cover Thickness	BS 1881 - 204
177	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Depth of Carbonation	BS EN 14630
178	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer	IS 13311 (Part 2)
179	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse Velocity	IS 516 (Part 5: Sec 1)