National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS (INDIA) PRIVATE LIMITED, CONSTRUCTION SERVICES LABORATORY, PLOT NO- 212(D), SECTOR -A, ZONE- B, MANCHESWAR INDUSTRIAL ESTATE, BHUBANESWAR, KHORDHA, ODISHA, 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	Acid Resistance Bricks	Compressive Strength	IS: 4860
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC)	Block Density	IS 6441 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC)	Compressive Strength	IS 6441 (Part 5)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC)	Moisture Content	IS: 6441 (P-1)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC)	Moisture Content	IS: 6441 (P-1)
6	MECHANICAL- BUILDINGS MATERIALS	Ballast	Aggregate Abrasion Value	IRS GE-1
7	MECHANICAL- BUILDINGS MATERIALS	Ballast	Aggregate Impact Value	IRS GE-1
8	MECHANICAL- BUILDINGS MATERIALS	Ballast	Gradation (65 mm, 40 mm, 20 mm)	IRS GE-1
9	MECHANICAL- BUILDINGS MATERIALS	Ballast	Water Absorption	IRS GE-1
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (P-2)
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash and Fire Point	IS: 1448 (P-69)
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (P-3)
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS: 1203
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS: 1205
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stripping Value	IS: 6241
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation at Low Temperature	IS 8887
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887

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19	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron	IS 8887
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Saybolt Viscosity	IS: 3117
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC SP 112
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Density	ASTM D2726
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Flow	ASTM D6927
25	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability	ASTM D6927
26	MECHANICAL- BUILDINGS MATERIALS	Blanket Material	Los Angeles Abrasion Value	IS 2386 (P-4)
27	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS:3495 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS:3495 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS:3495 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Final Setting Time	IS: 6932 (P-11)
31	MECHANICAL- BUILDINGS MATERIALS	Building Limes	Compressive Strength	IS 6932 (Part 7)
32	MECHANICAL- BUILDINGS MATERIALS	Building Limes	Fineness by Sieving	IS 6932 (Part 4)
33	MECHANICAL- BUILDINGS MATERIALS	Building Limes	Initial Setting Time	IS 6932 (Part 11)
34	MECHANICAL- BUILDINGS MATERIALS	Building Limes	Soundness by Le-Chateliers Expansion	IS 6932 (Part 9)
35	MECHANICAL- BUILDINGS MATERIALS	Building Limes	Workability	IS 6932 (Part 8)
36	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension-Height	IS: 1077
37	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions-Length	IS: 1077

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38	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension-Width	IS: 1077
39	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
40	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 (P-2)
41	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los Angeles Machine	IS: 2386 (Part 4)
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS: 2386 (Part 2)
45	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386 (Part 4)
46	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part 1)
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 (Part 4)
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron	IS: 2386 (Part 1)
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm, 63 mm, 50 mm, 40 mm, 31.5 mm, 25 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm, 2.36 mm)	IS: 2386 (Part 1)
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (P-5)
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 (Part 3)
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS: 2386 (Part 4)
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 (Part 3)
55	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixers	Dry Material Content	IS: 9103

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56	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixers	Relative Density	IS: 9103
57	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Ash Content	IS: 9103
58	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	pH Value	IS: 9103
59	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part 3)
60	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS: 2386 (Part 2)
61	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS: 2386 (Part 1)
62	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10 mm, 4.75 mm, 3.35 mm, 2.36 mm, 1.18 mm, 0.600 mm, 0.300 mm, 0.150 mm, 0.075 mm)	IS: 2386 (Part 1)
63	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specifications
64	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS: 2386 (P-5)
65	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part 3)
66	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part 3)
67	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Flow by Flow Table	IS 1199 (Part 2)
68	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Passing Ability-L Box	IS: 1199 (P-6)
69	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
70	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump-Flow and T500 time Test	IS 1199 (Part 6)
71	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump-Flow and T500 time Test	The European Guidelines for Self Compacting Concrete
72	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump-Flow Tesr	The European Guidelines for Self Compacting Concrete
73	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump-Flow Test	IS: 1199 (P-6)

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74	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	T500 time Test	IS: 1199 (P-6)
75	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	T500 time Test	The European Guidelines for Self Compacting Concrete
76	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Viscosity-V Funnel	IS: 1199 (P-6)
77	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Aggregate Impact Value	IS 2386 (P-4)
78	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Sieve Analysis (75 mm, 53 mm, 26.5 mm, 9.5 mm, 4.75 mm, 2.36 mm, 0.850 mm, 0.425 mm, 0.075 mm)	MORTH 5th Revision
79	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Water Absorption	IS 2386 (P-3)
80	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Wet Aggregate Impact Value	IS: 5640
81	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Fineness by Blaine's Air Permeability Method	IS 4031 (Part 2)
82	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Moisture Content	IS 16714
83	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Slag Activity Index	IS 4031 (Part 6)
84	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Coefficient of Permeability	IS 3085
85	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (P-1/Sec-1)
86	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Accelerated Cured Concrete	IS 9013
87	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Core Compressive Strength	IS 516 (Part 4)
88	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of Water Penetration under Pressure	IS 516 (Part 2 / Sec 1)
89	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (P-1/SEC-1)
90	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	IRC Concrete Bridge Code
91	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	Specifications for Road and Bridge Works (MoRT&H) 5TH REVISION

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92	MECHANICAL- BUILDINGS MATERIALS	Heavy Duty Burnt Clay Bricks	Bulk Density	IS 2180
93	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Portland Pozzolana Cement)	Drying Shrinkage	IS 4031 (Part 10)
94	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Compressive Strength	IS:4031(Part 6)
95	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Consistency	IS:4031 (Part 4)
96	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Density	IS:4031(Part 11)
97	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Final Setting Time	IS: 4031 (P-5)
98	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Fineness by Blaine's Air Permeability Method	IS:4031(Part 2)
99	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Fineness by Dry Sieving	IS:4031(Part 1)
100	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Initial Setting Time	IS:4031(Part 5)
101	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Soundness by Autoclave Expansion Method	IS:4031(Part 3)
102	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement, Portland Slag Cement, Portland Pozzolana Cement, Composite Cement, Sulphate Resisting Portland Cement)	Soundness by Le-Chatelier Expansion Method	IS:4031(Part 3)
103	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Aggregate Crushing Value	IS: 2386(P-4)
104	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Aggregate Impact Value	IS 2386 (P-4)
105	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Bilk Density-Loose	IS 2386 (P-3)
106	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Bulk Density-Roded	IS 2386 (P-3)

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107	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Gradation (80 mm, 63 mm, 40 mm, 20 mm, 16 mm, 12,5 mm, 10.0 mm, 4.75 mm, 2.36 mm, 1.18 mm, 0.600 mm, 0.300 mm, 0.150 mm)	IS: 2386 (P-1)
108	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Los Angeles Abrasion Value	IS 2386 (P-4)
109	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Soundness	IS: 2386 (P-5)
110	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Volume Expansion	IS 383 Annex E
111	MECHANICAL- BUILDINGS MATERIALS	LD Slag	Water Absorption	IS: 2386 (P-3)
112	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ash Content	IS 1217
113	MECHANICAL- BUILDINGS MATERIALS	Ply Wood	Density	IS 1734 (P-1)
114	MECHANICAL- BUILDINGS MATERIALS	Ply Wood	Moisture Content	IS 1734 (P-1)
115	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Compressive Strength	IS 15658
116	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Water Absorption	IS 15658
117	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Compressive Strength as percent of control sample	IS: 1727
118	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Drying Shrinkage	IS: 1727
119	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Final Setting Time	IS: 1727
120	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Fineness by Blaine's Air Permeability Method	IS 1727
121	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Fineness by Wet Sieving	IS: 1727
122	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Initial Setting Time	IS: 1727
123	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Lime Reactivity	IS: 1727
124	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Soundness by Autoclave Test	IS 1727

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125	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Soundness by Le-Chateliers Method	IS: 1727
126	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Specific Gravity	IS:1727
127	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash	Standard Consistency	IS 1727
128	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension-Height	IS: 12894
129	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimensions-Length	IS:12894
130	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension-Width	IS: 12894
131	MECHANICAL- BUILDINGS MATERIALS	Separation Membrane	Thickness Measurement	BVIPL/BBSR/SOP/03/COAT/001
132	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Compressive Strength as % of Control Sample	IS: 1727
133	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Percentage Retained on 45 microns	IS: 1727
134	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Specific Gravity	IS: 1727
135	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Block Density	IS: 2185 (Part-1)
136	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Dimensiin-Width	IS: 2185 (P-1)
137	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Dimension-Height	IS: 2185 (P-1)
138	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Dimension-Lemgth	IS: 2185 (P-1)
139	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Water Absorption	IS: 2185 (P-1)
140	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 (P-1)
141	MECHANICAL- BUILDINGS MATERIALS	Timber	Specific Gravity	IS 1708 (P-2)
142	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Aggregate Impact Value	IS 2386 (P-4)
143	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Indiex	IS 2386 (P-1)

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144	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (P-1)
145	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Los Angeles Abrasion Value	IS 2386 (P-4)
146	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (53 mm, 45 mm, 22.4 mm, 11.2 mm, 4.75 mm, 2.36 mm, 0.600 mm, 0.075 mm)	MORTH 5th Revision
147	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (P-3)
148	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES	Re-Bend Test (Mandrel Dia in mm: 16, 22, 24, 32, 40, 48, 60, 64, 72, 80, 90, 96, 100, 110, 112, 128, 140, 144, 150, 180, 192, 196, 216, 224, 225, 240, 252 and 288)	IS: 1786
149	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Bend Test (Mandrel Dia in mm: 16, 22, 24, 32, 40, 48, 60, 64, 72, 80, 90, 96, 100, 110, 112, 128, 140, 144, 150, 180, 192, 196, 216, 224, 225, 240, 252 and 288)	IS: 1599
150	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Elongation	IS: 1608 (P-1)
151	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Proof Stress	IS: 1608 (P-1)
152	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Tensile Strength	IS: 1608 (P-1)
153	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Unit Weight (Nominal Mass)	BVIPL/BBSR/SOP/MECH/001
154	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED BARS AND WIRES, Mild steel and medium tensile steel, Hot Rolled Medium and High Tensile Structural Steel, Steel tubes and pipes, Carbon steel	Yield Stress	IS: 1608 (P-1)
155	MECHANICAL- ROCK-ADVANCED	Rock	Slake Durability Index	IS: 10050
156	MECHANICAL- ROCK-BASIC	Rock	Dry Density	IS 13030

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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
157	MECHANICAL- ROCK-BASIC	Rock	Point Load Strength	IS: 8764
158	MECHANICAL- ROCK-BASIC	Rock	Porosity	IS: 13030
159	MECHANICAL- ROCK-BASIC	Rock	Specific Gravity	IS: 1122
160	MECHANICAL- ROCK-BASIC	Rock	Unconfined Compressive Strength	IS: 9143
161	MECHANICAL- ROCK-BASIC	Rock	Water Absorption	IS: 1124
162	MECHANICAL- ROCK-BASIC	Rock	Water Content	IS: 13030
163	MECHANICAL- SOIL-ADVANCED	Pond Ash	Co-efficient of Permeability	IS: 2720 (P-17)
164	MECHANICAL- SOIL-ADVANCED	Soil	Permeability-Constant Head Method	IS: 2720 (P-17)
165	MECHANICAL- SOIL AND ROCK	Bentonite	Density	IS: 6186
166	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS 6186
167	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS: 2720 (P-5)
168	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D 6910
169	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
170	MECHANICAL- SOIL AND ROCK	Bentonite	pH Value	IS: 6186
171	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186:
172	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling by Volume	IS: 2720 (P-40)
173	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS: 6186
174	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS 1124
175	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Bulk Density	IS: 13030

SCOPE OF ACCREDITATION

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176	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS 1121 (P-1)
177	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Dry Density	IS 13030
178	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Porosity	IS 1124
179	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
180	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
181	MECHANICAL- SOIL- BASIC	Blanket Material	California Bearing Ratio	IS 2720 (P-16)
182	MECHANICAL- SOIL- BASIC	Blanket Material	Liquid Limit	IS 2720 (P-5)
183	MECHANICAL- SOIL- BASIC	Blanket Material	Maximum Dry Density by Heavy Compaction	IS: 2720 (P-8)
184	MECHANICAL- SOIL- BASIC	Blanket Material	Plastic Limit	IS 2720 (P-5)
185	MECHANICAL- SOIL- BASIC	Blanket Material	Sieve Analysis (53 mm, 40 mm, 37 5 mm, 26.5 mm, 20 mm, 19 mm, 10 mm, 9.5 mm, 4.75 mm.2.36 mm, 2.00 mm, 0.600 mm, 0.425 mm, 0.212 mm, 0.075 mm)	IS: 2720 (P-4)
186	MECHANICAL- SOIL- BASIC	Blanket Material	Water Content by Heavy Compaction	IS 2720 (P-8)
187	MECHANICAL- SOIL- BASIC	Granular Sub-Base (GSB)	California Bearing Ratio	IS: 2720 (P-16)
188	MECHANICAL- SOIL- BASIC	Granular Sub-Base (GSB)	Liquid Limit	IS: 2720 (P-5)
189	MECHANICAL- SOIL- BASIC	Granular Sub-Base (GSB)	Maximum Dry Density by Heavy Compaction	IS 2720 (P-8)
190	MECHANICAL- SOIL- BASIC	Granular Sub-Base (GSB)	Plastic Limit	IS: 2720 (P-5)
191	MECHANICAL- SOIL- BASIC	Granular Sub-Base (GSB)	Water Content by Heavy Compaction	IS: 2720 (P-8)
192	MECHANICAL- SOIL- BASIC	Pond Ash	Consolidation- Compression Index (Ce)	IS: 2720 (P-15)
193	MECHANICAL- SOIL- BASIC	Pond Ash	Consolidation-Coefficient of Consolidation (Cv)	IS: 2720 (p-15)
194	MECHANICAL- SOIL- BASIC	Pond Ash	Direct Shear Test-Angle of Shearing Resistance	IS 2720 (P-13)
195	MECHANICAL- SOIL- BASIC	Pond Ash	Direct Shear Test-Cohesion	IS 2720 (p-13)

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196	MECHANICAL- SOIL- BASIC	Pond Ash	Liquid Limit	IS: 2720 (P-5)
197	MECHANICAL- SOIL- BASIC	Pond Ash	Maximum Dry Density by Heavy Compaction	IS 2720 (P-8)
198	MECHANICAL- SOIL- BASIC	Pond Ash	sediment analysis	IS 2720 (P-4)
199	MECHANICAL- SOIL- BASIC	Pond Ash	Sieve Analysis (4.75 mm, 2.00 mm, 0.425 mm, 0.075 mm)	IS: 2720(P-4)
200	MECHANICAL- SOIL- BASIC	Pond Ash	Specific Gravity	IS: 2720 (P-3/Sec-2)
201	MECHANICAL- SOIL- BASIC	Pond Ash	Triaxial Shear Test-Angle of Shearing Resistance	IS: 2720 (P-11)
202	MECHANICAL- SOIL- BASIC	Pond Ash	Triaxial Shear Test-Cohesion	IS: 2720 (P-11)
203	MECHANICAL- SOIL- BASIC	Pond Ash	Water Content by Heavy Compaction	IS 2720 (P-8)
204	MECHANICAL- SOIL- BASIC	Soil	GRAIN SIZE ANALYSIS OF THE FRACTION PASSING 75-MICRON IS SIEVE	IS: 2720 (P-4)
205	MECHANICAL- SOIL- BASIC	Soil	CBR	IS: 2720 (P-16):
206	MECHANICAL- SOIL- BASIC	Soil	Direct Shear Test-Angle of Shearing Resistance	IS: 2720 (P-13)
207	MECHANICAL- SOIL- BASIC	Soil	Direct Shear Test-Cohesion	IS: 2720 (P-13)
208	MECHANICAL- SOIL- BASIC	Soil	Dry Density by Heavy Compaction	IS: 2720 (P-8)
209	MECHANICAL- SOIL- BASIC	Soil	Dry Density by Light Compaction	IS: 2720 (P-7)
210	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS 2720 (P-40)
211	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS: 2720 (P-5)
212	MECHANICAL- SOIL- BASIC	Soil	Plastc Limit	IS: 2720 (P-5)
213	MECHANICAL- SOIL- BASIC	Soil	Shrinkage Limit	IS: 2720 (P-6)
214	MECHANICAL- SOIL- BASIC	Soil	Sieve Analysis (4.75 mm, 2.00 mm, 0.425 mm, 0.075 mm)	IS 2720 (P-4)
215	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS: 2720 (P-3/sec-2)
216	MECHANICAL- SOIL- BASIC	Soil	Triaxial Shear Test-Angle of Shearing Resistance	IS: 2720 (P-11)
217	MECHANICAL- SOIL- BASIC	Soil	Triaxial Shear Test-Cohesion	IS: 2720 (P-11)
218	MECHANICAL- SOIL- BASIC	Soil	Water Content	IS: 2720 (P-2)

SCOPE OF ACCREDITATION

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219	MECHANICAL- SOIL- BASIC	Soil	Water Content by Heavy Compaction	IS: 2720 (P-8)
220	MECHANICAL- SOIL- BASIC	Soil	Water Content by Light Compaction	IS: 2720 (P-7)
221	MECHANICAL- SOIL- BASIC	Wet Mix Macadam	California Bearing Ratio	IS: 2720 (P-16)
222	MECHANICAL- SOIL- BASIC	Wet Mix Macadam	Liquid Limit	IS: 2720 (P-5)
223	MECHANICAL- SOIL- BASIC	Wet Mix Macadam	Maximum Dry Density by Heavy Compaction	IS: 2720 (P-8)
224	MECHANICAL- SOIL- BASIC	Wet Mix Macadam	Plastic Limit	IS 2720 (P-5)
225	MECHANICAL- SOIL- BASIC	Wet Mix Macadam	Water Content by Heavy Compaction	IS: 2720 (P-8)
226	MECHANICAL- SOIL- FIELD	Soil	Water content	IS: 2720 (P-2)

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Site Facility				
1	MECHANICAL- SOIL- FIELD	Soil	DRY DENSITY OF SOILS IN·PLACE BY THE CORE-CUTTER METHOD	IS: 2720 (P-28)
2	MECHANICAL- SOIL- FIELD	Soil	DRY DENSITY OF SOILS IN·PLACE BY THE CORE-CUTTER METHOD	IS: 2720 (P-29)
3	MECHANICAL- SOIL- FIELD	Soil	Water content	IS: 2720 (P-2)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Carbonation Depth	IS: 516 (P-5/SEC-3))
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Depth of Concrete Cover (Cover Meter)	BS: 1881 (P-204)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Half-Cell Potential Difference	ASTM C876
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Rebound Hammer	IS: 516 (P-5/SEC-4)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Ultrasonic Pulse Velocity	IS: 516 (P-5/SEC-1)