National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	BUREAU VERITAS (INDIA) PVT. LTD., CONSTRUCTION SERVICES LABORATORY, PLOT B3/B4, TTC INDUSTRIAL AREA, OFF THANE BELAPUR ROAD, M.I.D.C, DIGHA, NAVI MUMBAI, MAHARASHTRA, 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	Aggregates	Coal & Lignite	IS : 2386 (Part 2)
2	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate reactivity-Silica Released (SC)	IS : 2386 (Part 7)
3	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate reactivity-Reduction in Alkalinity (RC)	IS:2386 (Part 7)
4	CHEMICAL- BUILDING MATERIAL	Aggregates	Clay lumps	IS : 2386 (Part 2)
5	CHEMICAL- BUILDING MATERIAL	Aggregates	Material Finer than 75 microns IS Sieve	IS : 2386 (Part 2)
6	CHEMICAL- BUILDING MATERIAL	Aggregates	Organic impurities	IS : 2386 (Part 2)
7	CHEMICAL- BUILDING MATERIAL	Aggregates	pH	IS:2720 (Part-26)
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Soft Particle	IS : 2386 (Part 2)
9	CHEMICAL- BUILDING MATERIAL	Aggregates	Soundness by Magnesium Sulphate (MgSO4)-5 cycles	IS : 2386 (Part 5)
10	CHEMICAL- BUILDING MATERIAL	Aggregates	Soundness by Sodium Sulphate (Na2SO4)-5 cycles	IS : 2386 (Part 5)
11	CHEMICAL- BUILDING MATERIAL	Aggregates	Water soluble Chloride	BS EN 1744-1
12	CHEMICAL- BUILDING MATERIAL	Aggregates	Water Soluble Sulphate	BS EN 1744-1
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC	Insoluble Residue	IS : 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Alkali content	IS : 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Alumina (Al2O3)	IS : 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Calcium oxide (CaO)	IS: 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Chloride	IS : 4032
18	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Ferric oxide (Fe2O3)	IS : 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Loss on Ignition	IS : 4032
20	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Magnesia (MgO)	IS : 4032
21	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Silica Content (SiO2)	IS : 4032
22	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Sulphide Sulphur	:IS : 4032
23	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC)	Sulpuric Anhydride (SO3)	IS: 4032
24	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphur as sulfide	IS : 4032
25	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Content	BS : 1881 (Part 124)
26	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Non Steady State Migration Coefficient (RCMT)	NT BUILD492 Approved1999
27	CHEMICAL- BUILDING MATERIAL	Concrete	pH	IS : 2720 (Part 26)
28	CHEMICAL- BUILDING MATERIAL	Concrete	Rapid Chloride Permeability Test (RCPT)	ASTM C-1202
29	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate	BS : 1881 (Part 124)
30	CHEMICAL- BUILDING MATERIAL	Construction Chemicals	Ash Content	IS : 9103
31	CHEMICAL- BUILDING MATERIAL	Construction Chemicals	Chloride Content	IS : 6925
32	CHEMICAL- BUILDING MATERIAL	Construction Chemicals	Dry Material Content	IS : 9103
33	CHEMICAL- BUILDING MATERIAL	Construction Chemicals	pH	IS : 9103
34	CHEMICAL- BUILDING MATERIAL	Construction Chemicals	Relative density	IS : 9103
35	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Alumina (Al2O3)	IS : 4032
36	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Calcium Oxide (CaO)	IS : 4032
37	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Chloride	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Ferric Oxide (Fe2O3)	IS : 4032
39	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Insoluble Residue	IS : 4032
40	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Loss on Ignition	IS : 4032
41	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Magnesia (MgO)	IS : 4032
42	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Manganic Oxide (MnO)	IS : 4032
43	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Moisture Content	IS : 16714 (Annexture B)
44	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Silica Content (SiO2)	IS : 4032
45	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Sulphide Sulphur	IS : 4032
46	CHEMICAL- BUILDING MATERIAL	GGBS/UGGBS/Granulated slag	Sulpuric Anhydride (SO3)	IS : 4032
47	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Free Lime	IS :2547(Part 1 & 2)
48	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Calcium Oxide (CaO)	IS :1288
49	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Loss on Ignition	IS :2547(Part 1 & 2)
50	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Soluble Sodium Salts as Na2O	IS :2547(Part 1 & 2)
51	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Soluble Magnesium Salts as MgO	IS :2547(Part 1 & 2)
52	CHEMICAL- BUILDING MATERIAL	Gypsum & its Products	Suphuric Anhydride (SO3)	IS: 1288
53	CHEMICAL- BUILDING MATERIAL	Lime	Available Lime As Calcium Oxide	IS : 1514
54	CHEMICAL- BUILDING MATERIAL	Lime	Calcium Oxide (CaO)	IS : 6932 (Part 1)
55	CHEMICAL- BUILDING MATERIAL	Lime	Insoluble Residue	IS : 6932 (Part 1)
56	CHEMICAL- BUILDING MATERIAL	Lime	Loss on Ignition	IS : 6932 (Part 1)

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57	CHEMICAL- BUILDING MATERIAL	Lime	Magnesium Oxide (MgO)	IS : 6932 (Part 1)
58	CHEMICAL- BUILDING MATERIAL	Lime	Mixed Oxides (Fe2O3 & Al2O3)	IS : 6932 (Part 1)
59	CHEMICAL- BUILDING MATERIAL	Lime	Silica Content (SiO2)	IS : 6932 (Part 1)
60	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Alumina oxides - Al2O3	IS :1727
61	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Available Alkalies as Sodium Oxide (Na2O) equivalent	IS : 3812 (Part 1) Annexture C
62	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Iron oxides - Fe2O3	IS :1727
63	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Lime As CaO	IS :1727
64	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Loss on Ignition	IS :1727
65	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Magnesia (MgO)	IS :1727
66	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Moisture Content	IS : 3812 (Part-1) Annex D
67	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Silica content (SiO2)	IS :1727
68	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Total Chloride	IS : 4032
69	CHEMICAL- BUILDING MATERIAL	Pulverized Fuel Ash	Total Sulphur as Sulphur trioxide (SO3)	IS :1727
70	CHEMICAL- BUILDING MATERIAL	Silica Fume	Available alkalies as Na2O equivalent	IS : 15388 Annex A Amd 1 April 2017
71	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS : 1727
72	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture Content	IS : 15388 (Table 1 Note 1)
73	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silica Content (SiO2)	IS : 1727
74	CHEMICAL- BUILDING MATERIAL	Tiles	Stain & Chemical Resistance	IS : 13630 (Part 8)
75	CHEMICAL- BUILDING MATERIAL	Tiles	Stain & Chemical Resistance	IS : 13630 Part 7

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76	CHEMICAL- METALS & ALLOYS	,Alloy Steel	Aluminum	ASTM E 415
77	CHEMICAL- METALS & ALLOYS	Alloy Steel	Aluminium	IS : 8811
78	CHEMICAL- METALS & ALLOYS	Alloy Steel	Boron	ASTM E 415
79	CHEMICAL- METALS & ALLOYS	Alloy Steel	Boron	IS : 8811
80	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	ASTM E 415
81	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	IS : 8811
82	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	IS : 228 (Part 1)
83	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium	ASTM E 415
84	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium	IS : 8811
85	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper	ASTM E 415
86	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper	IS : 8811
87	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese	ASTM E 415
88	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese	IS : 8811
89	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese	IS : 228 (Part 2)
90	CHEMICAL- METALS & ALLOYS	Alloy Steel	Molybdenum	ASTM E 415
91	CHEMICAL- METALS & ALLOYS	Alloy Steel	Molybdenum	IS : 8811
92	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel	ASTM E 415
93	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel	IS : 8811
94	CHEMICAL- METALS & ALLOYS	Alloy Steel	Niobium	ASTM E 415

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95	CHEMICAL- METALS & ALLOYS	Alloy Steel	Niobium	IS : 8811
96	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous	ASTM E 415
97	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous	IS : 228 (Part 3)
98	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous	IS : 8811
99	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	ASTM E 415
100	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	IS : 228 (Part 8)
101	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	IS : 8811
102	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur	ASTM E 415
103	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur	IS : 8811
104	CHEMICAL- METALS & ALLOYS	Alloy Steel	Vanadium	ASTM E 415
105	CHEMICAL- METALS & ALLOYS	Alloy Steel	Vanadium	IS : 8811
106	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E 1251
107	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E 1251
108	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 1251
109	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E 1251
110	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E 1251
111	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E 1251
112	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E 1251
113	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E 1251

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114	CHEMICAL- METALS & ALLOYS	Aluminum & its Alloys	Nickel	ASTM E 1251
115	CHEMICAL- METALS & ALLOYS	Metallic Coating	Mass of Zinc Coating (By Stripping method)	IS : 6745
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E 1086
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E 1086
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ASTM E 1086
127	CHEMICAL- SOIL AND ROCK	Clays & Soil	pH value	IS : 2720 (Part 26)
128	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of total soluble Sulphate content	IS : 2720 (Part 27)
129	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02 N NaOH Consumed to neutralized 100 ml of water sample)	IS :3025- Part 22
130	CHEMICAL- WATER	Construction Water	Chloride content	IS :3025 – Part 32
131	CHEMICAL- WATER	Construction Water	Organic Solids (Volatile Residue)	IS :3025 –Part 15
132	CHEMICAL- WATER	Construction Water	pH value	IS :3025- Part 11
133	CHEMICAL- WATER	Construction Water	Sulphate content	IS :3025 –Part 24

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134	CHEMICAL- WATER	Construction Water	Suspended Matter	IS :3025 – Part 17
135	CHEMICAL- WATER	Construction Water	Alkalinity (Volume of 0.02 N H2SO4 consumed to 100 ml of water sample)	IS :3025– Part 23
136	CHEMICAL- WATER	Construction Water	Inorganic Solids (Fixed Residue)	IS :3025 –Part 18
137	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air content	IS 1199 part 4
138	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding	IS : 9103
139	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive strength	IS 516 (P-1/S-1)
140	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length change	IS : 516 (Part 6)
141	MECHANICAL- BUILDINGS MATERIALS	Admixture	Setting time	IS : 1199 part 7
142	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water content	IS 9103
143	MECHANICAL- BUILDINGS MATERIALS	Admixture	Workability (slump)	IS 1199 Part 2
144	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Block Density	IS 2185 (Part 3):
145	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 2185 (Part 3)
146	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Drying Shrinkage	IS 2185 (Part 3):
147	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Length	IS 2185 (Part 3)
148	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Thermal Conductivity Test	IS : 3346
149	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Thickness	IS 2185 (Part 3)
150	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Width	IS 2185 (Part 3)
151	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity at 60 deg C	IS : 1206 (Part 2)
152	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ash Content	IS : 1217

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153	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Coagulation of Emulsion at Low Temperature	IS : 8887 (Annex C)
154	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Coating Ability and Water Resistance	IS : 8887 (Annex F)
155	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Distillation Test	IS : 1213
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Elastic recovery	IS 15462
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash & Fire Point-Cleveland Open Cup	IS : 1448 (Part 69)
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135 deg C	IS :1206 (Part 3)
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on heating	IS 1212
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Matter soluble in trichloroethylene	IS 1216
163	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Miscibility with water	IS : 8887 Annex H
164	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
165	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
166	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration of the residue	IS 1204
167	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Residue by evaporation	IS 8887
168	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Residue on 600 µ	IS 8887 (Annex B)
169	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
170	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in trichloroethylene	IS 1216
171	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202

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172	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stability to Mixing with Cement (Percentage Coagulation)	IS : 8887 (Annex G)
173	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Storage stability	IS : 8887 (Annex D)
174	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity at 135 deg C by Brookefield Viscometer	ASTM D 4402
175	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity at 150 deg C by Brookfield viscometer	ASTM D 4402
176	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity at 60 deg C by Brookfield viscometer	ASTM D 4402
177	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity by Say bolt Furol Viscometer	IS 3117
178	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Water content	IS : 1211
179	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Compressive strength	IS 3495 (Part 1)
180	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence	IS 3495 (Part 1)
181	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Length	IS 1077
182	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Thickness	IS 1077
183	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water absorption	IS 3495 (Part 2)
184	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Width	IS 1077
185	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part 6)
186	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031(Part 4)
187	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 (Part 10)
188	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting time	IS 4031 (Part 5)
189	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (Blaine’s method)	IS 4031 (Part 2)
190	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS (INDIA) PVT. LTD., CONSTRUCTION SERVICES LABORATORY, PLOT B3/B4, TTC INDUSTRIAL AREA, OFF THANE BELAPUR ROAD, M.I.D.C, DIGHA, NAVI MUMBAI, MAHARASHTRA, INDIA

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191	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Autoclave Method)	IS 4031 (Part 3)
192	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chatelier's Method)	IS 4031 (Part 3)
193	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 11)
194	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness of the Tile Surface	IS 1237
195	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Length	IS 1237
196	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
197	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to Wear (Abrasion)	IS 1237
198	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
199	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness	IS 1237
200	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
201	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
202	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Width	IS 1237
203	MECHANICAL- BUILDINGS MATERIALS	Cement Grout	Compressive Strength	ASTM C 1107/ C 1107M
204	MECHANICAL- BUILDINGS MATERIALS	Cement Grout	Expansion	ASTM C 1107/ C1107M
205	MECHANICAL- BUILDINGS MATERIALS	Cement Grout	Flow	ASTM C 1107/ C1107M
206	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking strength	IS : 13630 (Part 6)
207	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk density	IS : 13630 (Part 2)
208	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Centre of curvature	IS : 13630 (Part 1)
209	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Resistance	IS : 13630 (Part 9)

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210	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Edge Curvature	IS : 13630 (Part 1)
211	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Flexural strength	IS : 13630 (Part 6)
212	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Hardness by moh`s scale	IS : 13630 (Part 13)
213	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Hardness by Moh’s scale	IS : 13630 (Part 13)
214	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Length	IS : 13630 (Part 1)
215	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularity	IS : 13630 (Part 1)
216	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness	IS: 13630 (Part 1)
217	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS : 13630 (Part 1)
218	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Warpage Curvature	IS : 13630 (Part 1)
219	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water absorption	IS : 13630 (Part 2)
220	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Width	IS : 13630 (Part 1)
221	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Flatness of the Tile Surface	IS : 13801
222	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Length	IS : 13801
223	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Perpendicularity	IS : 13801
224	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Resistance to Wear	IS : 13801
225	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Straightness	IS : 13801
226	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Thickness	IS : 13801
227	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Water Absorption	IS : 13801
228	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Wet Transverse Strength	IS : 13801

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229	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Width	IS : 13801
230	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Resístance (Los Angale's abrasion value)	IS 2386 (Part 4)
231	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing value	IS 2386 (Part 4)
232	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact value	IS 2386 (Part 4)RA
233	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
234	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Rodded)	IS 2386 (Part 3)
235	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
236	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
237	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75 to 40 mm)	IS 2386 (Part 1)
238	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific gravity	IS 2386 (Part 3)
239	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
240	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 4)
241	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part1/Sec1)
242	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Accelerated - Cured Concrete	IS : 9013
243	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Test	IS 516(Part1/Sec 1)
244	MECHANICAL- BUILDINGS MATERIALS	Concrete	ISAT - Initial Surface Absorption test	IS : 516 (Part2/Sec 2)
245	MECHANICAL- BUILDINGS MATERIALS	Concrete	ISAT – Initial Surface Absorption Test	BS : 1881 (Part 208)
246	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity	ASTM C 469C/469M
247	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity	IS : 516 (Part8/Sec1)

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248	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881 (Part 122)
249	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	DIN EN 12390
250	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	IS : 516 (Part 2/Sec 1)
251	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Abrasion Resistance	IS 15658
252	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
253	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Flexural strength	IS 15658
254	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
255	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Defects Of Squarness	IS : 4020 (Part 2)
256	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	End Immersion test	IS 4020 (Part 13)
257	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Glue Adhesion Test	IS 4020 (Part 15)
258	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Impact Indentation	IS : 4020 (Part 5)
259	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Knife Test	IS 4020 (Part 14)
260	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Length	IS : 4020 (Part 2)
261	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Local Planeness	IS : 4020 (Part 4)
262	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Thickness	IS : 4020 (Part 2)
263	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Width	IS : 4020(Part 2)
264	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
265	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Rodded)	IS 2386 (Part 3)
266	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking	IS 2386 (Part 3)

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267	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Particle finer than 75 microns	IS 2386 (Part 2)
268	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve analysis (150 micron to 4.75 mm)	IS 2386 (Part 1)
269	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific gravity	IS 2386 (Part 3)
270	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
271	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaines	IS 1727
272	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727
273	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron sieve (wet sieving)	IS 1727
274	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific gravity	IS 1727
275	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive strength of Controll Sample	IS 1727
276	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength of Test Sample	IS : 1727
277	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness (Autoclave Method)	IS 1727
278	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 28 days of test mix	ASTM C-989 / C989M
279	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 28 days of Test mix	IS : 16714
280	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 28days of controlled mix	ASTM C-989 / C989M
281	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 7 days of controll mix	ASTM C-989 / C989M
282	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 7 Days of test mix	IS : 16714
283	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @ 7days of test mix	ASTM C-989 / C989M
284	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @28 days of Controlled Mix	IS : 16714
285	MECHANICAL- BUILDINGS MATERIALS	GGBS	Compressive Strength @7 days of Controlled mix.	IS: 16714

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286	MECHANICAL- BUILDINGS MATERIALS	GGBS	Fineness	IS : 16714
287	MECHANICAL- BUILDINGS MATERIALS	GGBS	Retained on 45 microns	ASTM C-989 / C989M
288	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete and Products	Compressive Strength	IS 2542 (Part 1/ Sec 5)
289	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete and Products	Expansion	IS 2542 (Part 1/ Sec 9)
290	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete and Products	Setting Time	IS 2542 (Part 1/ Sec 3)
291	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete and Products	Soundness	IS 2542 (Part 1/ Sec 6)
292	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete, and Products	Consistency	IS 2542 (Part 1/ Sec1)
293	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete, and Products	Dry Sieving	IS: 2542 (Part 1/ Sec 8)
294	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster, Concrete, and Products	Mechanical Resistance	IS 2542 (Part 1/ Sec 7)
295	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Block Density	IS 2185 (Part 1)
296	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
297	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Length	IS 2185 (Part 1)
298	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Thickness	IS 2185 (Part 1)
299	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
300	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Width	IS 2185 (Part 1)
301	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Hardness by Moh`s scale	IS : 13630 (Part 13)
302	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Specific Gravity	IS 1122
303	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Water Absorption	IS 1124
304	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Compressive Strength @ 7days of controll sample	IS :1727

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305	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Compressive Strength @ 7days of controll sample	ASTM C-1240
306	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Compressive Strength @ 7days of test mix	IS 1727:
307	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Compressive Strength @ 7days of test mix	ASTM C-1240
308	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Retained on 45 microns	IS 1727
309	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Retained on 45 microns	ASTM C-1240
310	MECHANICAL- BUILDINGS MATERIALS	Ultrafine GGBS	Compressive Strength @ 28 Days of Test Mix	IS : 16715
311	MECHANICAL- BUILDINGS MATERIALS	Ultrafine GGBS	Compressive Strength @ 28 days of Controll Mix	IS : 16715
312	MECHANICAL- BUILDINGS MATERIALS	Ultrafine GGBS	Compressive Strength @ 7 Days of Controll Mix.	IS : 16715
313	MECHANICAL- BUILDINGS MATERIALS	Ultrafine GGBS	Compressive Strength @ 7 days of Test Mix	IS : 16715
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Products	Vickers Hardness (HV30)	ASTM E 92
315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products	Elongation	IS : 1608 (Part 1)
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products	Flattening	IS : 2328
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products	Ultimate Tensile Strength	IS : 1608 (Part 1)
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products	Yield Stress	IS : 1608 (Part 1)
319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products (Pre stress Wire)	Nominal Mass Per Unit Length	IS : 14268
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , Alloys & Products. (Pre stress Wire)	Breaking Strength/ Ultimate Tensile Load	IS : 1608 (Part 1)

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321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell hardness (2.5 mm /187.5 kg)	ASTM E 10
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (2.5 mm /187.5 kg)	IS : 1500 (Part 1)
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness (2.5 mm/187.5 kg)	ISO 6506-1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Nominal Diameter	IS 14268
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness (HV 5)	IS : 1501 (Part 1)
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & Products	Vickers Hardness (HV10)	ASTM E 92
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & Products	Vickers Hardness (HV10)	IS : 1501 (Part 1)
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & Products	Vickers Hardness (HV10)	ISO 6507 -1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness (HV30)	IS : 1501 (Part 1)
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness (HV30)	ISO 6507 - 1
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness (HV5)	ASTM E 92
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness (HV5)	ISO 6507 -1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Average diameter of surrounding wires	IS 14268
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Diameter of the centre wire	IS 14268

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335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Difference in Diameter of centre wire & surrounding wire	IS 14268
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Length of Lay	IS 14268
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Modulus of Elasticity	IS 14268
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products (Pre stress Wire)	Nominal cross sectional area	IS 14268
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, Alloys & Products (Pre Stress Wire)	0.2 % Proof Load	IS:1608 (Part 10)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	0.2 % Proof Stress and Yield Stress	IS : 1608 (Part 1)
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Bend Test	IS : 1599
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Elongation	IS : 1608 (Part 1)
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Rebend Test	IS : 1786
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Ultimate Tensile Strength	IS : 1608 (Part 1)
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Weight/ Meter	IS : 1786
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT/QST Bar	Ring Test	IS :1786
347	MECHANICAL- SOIL AND ROCK	Clays & Soils	California Bearing Ratio-CBR	IS 2720 (Part 16)
348	MECHANICAL- SOIL AND ROCK	Clays & Soils	Consolidation test - (Cc)	IS 2720 (Part 15)

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349	MECHANICAL- SOIL AND ROCK	Clays & Soils	Constant Head Permeability	IS 2720 (Part 17)
350	MECHANICAL- SOIL AND ROCK	Clays & Soils	Determination of water content	IS 2720 (Part 2)
351	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test - Cohesion	IS 2720 (Part 13)
352	MECHANICAL- SOIL AND ROCK	Clays & Soils	Falling Head-Permeability Test	IS 2720 (Part 17)
353	MECHANICAL- SOIL AND ROCK	Clays & Soils	Field CBR	IS 2720 (Part 31)
354	MECHANICAL- SOIL AND ROCK	Clays & Soils	Field Dry Density by Sand replacement method	IS 2720 (Part 28)
355	MECHANICAL- SOIL AND ROCK	Clays & Soils	Free Swell Index	IS 2720 (Part 40)
356	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain size analysis	IS 2720 (Part 4)
357	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
358	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
359	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light Compaction - Maximum dry density	IS 2720 (Part 7)
360	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light Compaction - Optimum Moisture	IS 2720 (Part 7)
361	MECHANICAL- SOIL AND ROCK	Clays & Soils	Liquid Limit	IS 2720 (Part 5)
362	MECHANICAL- SOIL AND ROCK	Clays & Soils	Modulus of Subgrade Reaction (K Value Test)	IS : 9214
363	MECHANICAL- SOIL AND ROCK	Clays & Soils	Particle Size Analysis by Hydrometer	IS 2720 (Part 4)
364	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plastic Limit	IS 2720 (Part 5)
365	MECHANICAL- SOIL AND ROCK	Clays & Soils	Relative Density	IS : 2720 (Part 14)
366	MECHANICAL- SOIL AND ROCK	Clays & Soils	Shrinkage limit	IS 2720 (Part 6)
367	MECHANICAL- SOIL AND ROCK	Clays & Soils	Specific gravity	IS 2720(Part 3/Sec1)

SCOPE OF ACCREDITATION

Laboratory Name : BUREAU VERITAS (INDIA) PVT. LTD., CONSTRUCTION SERVICES LABORATORY, PLOT B3/B4, TTC INDUSTRIAL AREA, OFF THANE BELAPUR ROAD, M.I.D.C, DIGHA, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 13/04/2022 to 12/04/2024 **Last Amended on** 12/07/2022

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
368	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear Test (Unconsolidated Undrained) - Angle of internal friction	IS 2720 (Part 11)
369	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear Test (Unconsolidated Undrained) - Cohesion	IS 2720 (Part 11)
370	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear Test Consolidated Undrained Cohesion	IS : 2720 (Part 12)
371	MECHANICAL- SOIL AND ROCK	Clays & Soils	Unconfined Compressive Strength	IS 2720 (Part 10)
372	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Gradation	MORTH 5th Revision
373	MECHANICAL- SOIL AND ROCK	Stone / Rock	Slake Durability Test	IS : 10050
374	MECHANICAL- SOIL AND ROCK	Stone / Rock	Triaxial Compression Test Angle of shearing Resistance	IS : 13047
375	MECHANICAL- SOIL AND ROCK	Stone / Rock	Triaxial Compression Test Cohesion	IS : 13047
376	MECHANICAL- SOIL AND ROCK	Stones / Rock	Poisson's Ratio	IS : 9221
377	MECHANICAL- SOIL AND ROCK	Stones / Rock	Wet / Dry Density	IS 13030
378	MECHANICAL- SOIL AND ROCK	Stones /Rock	Specific Gravity	IS 13030
379	MECHANICAL- SOIL AND ROCK	Stones /Rock	Unconfined Compression Strength	IS 13030
380	MECHANICAL- SOIL AND ROCK	Stones/ Rock	Point Load index	IS: 8764
381	MECHANICAL- SOIL AND ROCK	Stones/ Rock	Porosity	IS 13030
382	MECHANICAL- SOIL AND ROCK	Stones/ Rock	Water Content	IS 13030
383	MECHANICAL- SOIL AND ROCK	Stones/Rock	Brazilian Index	IS 10082
384	MECHANICAL- SOIL AND ROCK	Stones/Rock	Modulus of Elasticity	IS: 9221
385	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Gradation	MORTH 5th Revision

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
386	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Adhesion Of Piles	IS : 1734 (Part 5)
387	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS : 1734 (Part 1)
388	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS : 1734 (Part 1)
389	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Resistance	IS : 1734 (Part 6)
390	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS 11215
391	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood Particle Boards and Boards From Other Lignocellulosic Materials	Density	IS : 2380 (Part 3)
392	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood Particle Boards and Boards From Other Lignocellulosic Materials	Moisture Content	IS : 2380 (Part 3)
393	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood Particle Boards and Boards From Other Lignocellulosic Materials	Water Absorption (24 Hrs)	IS : 2380 (Part16)
394	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood Particle Boards and Boards From Other Lignocellulosic Materials	Water Absorption (2 Hrs)	IS: 2380 (Part 16)

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Clays & Soils	Field Dry Density by Core Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plate Load Test	IS : 1888
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials-Reinforced Concrete Structures	Cover depth	BS 1881 (Part 204)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials-Reinforced Concrete Structures	Depth of Carbonation	BS EN 14630
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials-Reinforced Concrete Structures	Half Cell Corrosion potential Reading	ASTM C 876
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials-Reinforced Concrete Structures	Rebound hammer	IS : 516 (Part5/ Sec 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile Integrity Test	Pile Integrity Test	ASTM D 5882
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	IS : 516 (Part 5/ Sec 3)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Difference test	IS : 516 (Part5/Sec 2)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete structures	ultrasonic Pulse Velocity	IS : 516 (Part 5/Sec 1)