National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AMBAY TESTING LABORATORY, PLOT NO.135, RFC COLONY, VAISHALI NAGAR, JAIPUR, RAJASTHAN, 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
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS-6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS-9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS-9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS-9103
6	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS-1216
7	CHEMICAL- BUILDING MATERIAL	Cement	Alkali Content	IS-4032, CL.4.11
8	CHEMICAL- BUILDING MATERIAL	Cement	Alumina (as Al2O3)	IS-4032, CL.4.6.1
9	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide (as Cao)	IS-4032, CL.4.7.2
10	CHEMICAL- BUILDING MATERIAL	Cement	Chloride (as cl)	IS-4032, Amend. 2
11	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble residue	IS-4032, CL-4.1
12	CHEMICAL- BUILDING MATERIAL	Cement	Iron Oxide (as Fe2O3)	IS-4032, CL.4.5.2
13	CHEMICAL- BUILDING MATERIAL	Cement	Loss of ignition	IS-4032, CL.4.2
14	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia (as Mgo	IS-4032, CL.4.8.2
15	CHEMICAL- BUILDING MATERIAL	Cement	Silica (sio2)	IS-4032, CL-4.3
16	CHEMICAL- BUILDING MATERIAL	Cement	Sulphide Sulphur (as S)	IS-4032, CL.6.12
17	CHEMICAL- BUILDING MATERIAL	Cement	Total sulphur (as So3)	IS-4032, CL-4.9
18	CHEMICAL- BUILDING MATERIAL	Coarse aggregate / Fine aggregate	Chloride	IS-4032, Amend.2

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19	CHEMICAL- BUILDING MATERIAL	Coarse aggregate / Fine aggregate	Organic Impurities	IS-2386 (Part-II)
20	CHEMICAL- BUILDING MATERIAL	Coarse aggregate / Fine aggregate	Potential Alkali Reactivity (i) Dissolve silica	IS-2386, Part-VII
21	CHEMICAL- BUILDING MATERIAL	Coarse aggregate / Fine aggregate	Potential Alkali Reactivity (ii) Reduction in Alkalinity	IS-2386 (Part-VII)
22	CHEMICAL- BUILDING MATERIAL	Coarse aggregate / Fine aggregate	Sulphate (as So3)	IS-4032, CL.4.9
23	CHEMICAL- BUILDING MATERIAL	Concrete & Cement Mortar	Chloride as Cl	IS-14959 (Part-I & II))
24	CHEMICAL- BUILDING MATERIAL	Concrete & Cement mortar	Sulphate as SO3	BS EN 1744-1
25	CHEMICAL- BUILDING MATERIAL	Fly ash	(Alumina + Iron Oxide)	IS-1727
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies (as Na2O)	IS-3812 (Part-I)
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride (as cl)	IS-4032, Amend.2
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS-1727
29	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (as Mgo)	IS-1727
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (as Sio2)	IS-1727
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Sulphur (as SO3)	IS-1727
32	CHEMICAL- BUILDING MATERIAL	Micro-silica	Alumina + Iron oxide	IS-1727
33	CHEMICAL- BUILDING MATERIAL	Micro-Silica	Available Alkalies (as Na2O)	IS-3812 (Part-I)
34	CHEMICAL- BUILDING MATERIAL	Micro-Silica	Chloride as Cl	IS-4032, Amend.2
35	CHEMICAL- BUILDING MATERIAL	Micro-Silica	Loss of Ignition	IS-1727
36	CHEMICAL- BUILDING MATERIAL	Micro-silica	Magnesia (as Mgo)	IS-1727
37	CHEMICAL- BUILDING MATERIAL	Micro-Silica	Silica (as SiO2)	IS-1727

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38	CHEMICAL- BUILDING MATERIAL	Micro-Silica	Total Sulphur (as SO3)	IS-1727
39	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I. Metal	Mass of Zinc Coating by Striping Method	IS-6745 (Clause 5.2.3) No of Amendments 5
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon (as C)	IS-228 (Part-1) No of Amendments 1
41	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium (as Cr)	IS-228 (Part-6)
42	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese (as Mn)	IS-228 (Part-2)
43	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel (as Ni)	IS-228 (Part-5)
44	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous (as P)	IS-228 (Part-3)
45	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon (as Si)	IS-228 (Part-8)
46	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur (as S)	IS-228 (Part-9)
47	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon (as C)	IS-228 (Part-I)
48	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium (as Cr)	IS-228 (Part-6)
49	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese (as Mn)	IS-228 (Part-2)
50	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel (as Ni)	IS-228 (Part-5)
51	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous (as P)	IS-228 (Part-3)
52	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon (as Si)	IS-228(Part-8)
53	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (as S)	IS-228 (Part-9)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD	IS-3025 (Part-44)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	IS-3025 (Part-58)

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56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS-3025 (Part-38)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS-3025 (Part-39)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS-3025 (Part-11)
59	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (PART-23)
60	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (PART 22)
61	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (PART-26)
62	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (PART 21)
63	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (PART 27)
64	CHEMICAL- WATER	Construction Water	0.02N H2SO4 consumed / 100 ml sample	IS-3025 (Part-23)
65	CHEMICAL- WATER	Construction Water	0.02N NaOH Consumed / 100ml sample	IS-3025 (Part-22)
66	CHEMICAL- WATER	Construction Water	Chloride	IS-3025(Part-32)
67	CHEMICAL- WATER	Construction Water	PH	IS-3025 (Part-11)
68	CHEMICAL- WATER	Construction Water	Solids (i) Inorganic Solids	IS-3025 (Part-16)
69	CHEMICAL- WATER	Construction Water	Solids (ii) Suspended solids	IS-3025(Part-17)
70	CHEMICAL- WATER	Construction Water	Solids (iii) Organic solids	IS-3025 (Part-18)
71	CHEMICAL- WATER	Construction Water	Sulphate	IS-3025 (Part-24)
72	CHEMICAL- WATER	Drinking water	Alkalinity as CaCO3	IS 3025 (Pt-23)
73	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Edition 2017-3500-Ca B
74	CHEMICAL- WATER	Drinking Water	Chloride	IS-3025 (Part-32)
75	CHEMICAL- WATER	Drinking Water	Colour	IS-3025 (Part-4)
76	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 2017-4500-FD SPADNS Method
77	CHEMICAL- WATER	Drinking Water	Hardness	IS-3025 (Part-21)
78	CHEMICAL- WATER	Drinking Water	Iron	IS-3025 (Part-53)

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79	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 22nd Ed.2012-3500-Mg B
80	CHEMICAL- WATER	Drinking Water	pH	IS-3025 (Part-11)
81	CHEMICAL- WATER	Drinking Water	Potassium	IS-3025 (Part-45)
82	CHEMICAL- WATER	Drinking Water	Residual chlorine	IS-3025 (Part-26)
83	CHEMICAL- WATER	Drinking Water	Sodium	IS-3025 (Part-45)
84	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Pt-16)
85	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Block Density	IS 6441 (Pt-1)
86	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 (Pt-5)
87	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Drying Shrinkage	IS 6441 (Pt-2)
88	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Height	IS 2185 (Pt-3)
89	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Length	IS 2185 (Pt-3)
90	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS 6441 (Pt-1)
91	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Thickness	IS 2185 (Pt-3)
92	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Compressive Strength	IS-9103
93	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Slump / Workability	IS-1199
94	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Water Content	IS-9103
95	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS 1206 : PART 3
96	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity at 60°C	IS 1206 ; PART 2
97	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test@25°c	IS 1208
98	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash and fire Point	IS 1448 (Part-69)
99	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS-1203

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100	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS-1205
101	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity	IS 1202
102	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Bitumen content	ASTM D2172
103	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bulk Specific gravity@25°c	ASTM D2726
104	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density at 25°c	ASTM D2726
105	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D6927
106	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
107	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Sieve Analysis (45 mm to 0.075 mm)	IS 2386 (Part 1)
108	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Sieve Analysis 45mm to 0.075mm	MORTH Specification Fifth Revision
109	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Theoretical Maximum Specific gravity (Gmm)	ASTM D2041
110	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Thickness	MORTH Specification Fifth Revision
111	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS-3495 (Part-I)
112	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS-1077
113	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS-1077
114	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS-1077
115	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS-3495 (Part-3)
116	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS-3495 (Part-2)
117	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
118	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS-4031 (Part-4)

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119	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS-4031 (Part-11)
120	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS-4031 (Part-5)
121	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air permeability	IS-4031 (Part-2)
122	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS-4031 (Part-5)
123	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Autoclave	IS-4031 (Part-3)
124	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier	IS-4031 (Part-3)
125	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS: 13630 (Part-13)
126	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS-13630 (Part-2)
127	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 Percent Fines Value	IS 2386 (Part-4)
128	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS-2386 (Part-4)
129	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Bulk Density	IS-2386 (Part-3)
130	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS-2386 (Part-4)
131	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS-2386 (Part-1)
132	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS-2386 (Part-1)
133	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS-2386 (Part-4)
134	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture content	IS-2386 (Part-3)
135	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone value	BS 812 (PART 114)
136	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone value	IS 2386 (PART 4)
137	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	sieve analysis (80.0 mm-2.36 mm)	IS-2386 (Part-1)

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138	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS-2386 (Part-5)
139	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS-2386 (Part-3)
140	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious materials	IS-2386 (Part-1&2)
141	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS-2386 (Part-3)
142	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Petrographic Examination	IS 2386 (PART-8)
143	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Abrasion Resistance	IS-15658
144	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	compressive Strength	IS-15658
145	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS-15658
146	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS-2386 (Part-3)
147	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials	IS-2386 (Part-1&2)
148	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75 micron	IS-2386 (Part-1)
149	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Petrographic Examination	IS 2386 (PART 8)
150	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand Equivalent value	IS 2720 (PART 37)
151	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis (10.0 mm to 0.150 mm) / Fineness Modulus	IS-2386 (Part-1)
152	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD-VOL-1
153	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS-2386 (Part-5)
154	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS-2386 (Part-3)
155	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS-2386 (Part-3)
156	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS : 2386 (Pt-2)

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157	MECHANICAL- BUILDINGS MATERIALS	Flush door	End Emersion	IS-4020 (Part-13)
158	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Glue Adhesion	IS-4020 (Part-15)
159	MECHANICAL- BUILDINGS MATERIALS	Flush door	Knife test	IS-4020 (Part-14)
160	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive strength	IS-1727
161	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Density	IS-1727
162	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Air Permeability apparatus	IS-1727
163	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS-1727
164	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle retained on 45 micron IS Sieve	IS 1727
165	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727
166	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	Slump	IS 1199 (Pt-2)
167	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	Filling Ability (Flow) Test	IS 1199 (Pt-6)
168	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	Passing Ability (L-Box) Test	IS 1199 (Pt-6)
169	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	Segregation Resistance Test	IS 1199 (Pt-6)
170	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	T 500 Slump Flow	IS 1199 (Pt-6)
171	MECHANICAL- BUILDINGS MATERIALS	Fresh Self Compacted Concrete	Viscosity (V-Funnel) Test	IS 1199 (Pt-6)
172	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Comressive Strength	IS-516
173	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS-516
174	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Rapid Chloride Permeability Test (RCPT)	ASTM C1202

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175	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water penetration under pressure (Water permeability Test)	BS EN 12390-8
176	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water penetration under pressure (Water permeability Test)	IS 516 : PART 2, SEC-1
177	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive Strength	IS-1727
178	MECHANICAL- BUILDINGS MATERIALS	Micro silica	Density	IS-1727
179	MECHANICAL- BUILDINGS MATERIALS	Micro silica	Particles retained on 45 micron IS sieve	IS-1727
180	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Compressive Strength	IS-1121 (Part-1)
181	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Scratch Hardness	IS: 13630 (Part-13)
182	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Specific Gravity	IS-1122
183	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Water absorption	IS-1124
184	MECHANICAL- BUILDINGS MATERIALS	Road Aggregates	Stripping Value	IS 6241
185	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Drying Shrinkage	IS: 2185 (Part-1) Annex-F
186	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Moisture Movement	IS: 2185 (Part-1) Annex-G
187	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Water Absorption	IS: 2185 (Part-1) Annex-E
188	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Block Density	IS: 2185 (Part-1) Annex-C
189	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Height	IS: 2185 (Part-1) Annex-B
190	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Width	IS: 2185 (Part-1) Annex-B1)
191	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Compressive Strength	IS: 2185 (Part-1) Annex-D
192	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Blocks	Length	IS: 2185 (Part-1) Annex-B

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193	MECHANICAL- BUILDINGS MATERIALS	Timber	Density	IS-1708
194	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS-1708
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	% Elongation	IS-1608 (Part-1)
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Bend Test	IS-1599
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Mass / Meter	IS-1786
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Re-Bend	IS-1786
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Ribs Area	IS-1786
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Ultimate Tensile Strength	IS-1608 (Part-1)
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel / Mild Steel /Stainless Steel	Yield Stress	IS-1608 (Part-1)
202	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-Stressed Concrete	Area of Strand	IS-14268
203	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Breaking Load	IS-14268
204	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply strand for pre-stressed Concrete	Elongation	IS-14268
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Length of Lay	IS-14268
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Nominal Mass of Strand	IS-14268

SCOPE OF ACCREDITATION

Laboratory Name : AMBAY TESTING LABORATORY, PLOT NO.135, RFC COLONY, VAISHALI NAGAR, JAIPUR, RAJASTHAN, INDIA

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207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed concrete	Proof Load	IS 14268
208	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness at 150 micron (Dry)	IS-6186
209	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness at 150 micron (wet)	IS-6186
210	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS-2720 (Part-5), Cl-3.0
211	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS-6186
212	MECHANICAL- SOIL AND ROCK	Bentonite	Sand content	IS-6186
213	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial compressive Strength Test (UCS)	IS 9143
214	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
215	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
216	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
217	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
218	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS-2720 (Part-16)
219	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cv)	IS 2720 (Part-15)
220	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (mV)	IS 2720 (Part-15)
221	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU, Cohesion)	IS 2720 (Part-13)
222	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU, Ø)	IS 2720 (Part-13)
223	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (PART 40)
224	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis (100 mm to 0.075 mm)	IS-2720 (Part-4)

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225	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Method)	IS 2720 (Part 4, cl. 5.2)
226	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (MDD)	IS-2720 (Part-8)
227	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS-2720 (Part-8)
228	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS-2720 (Part-7)
229	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS-2720 (Part-7)
230	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS-2720 (Part-5)
231	MECHANICAL- SOIL AND ROCK	Soil	Permeability	IS: 2720 (Part-17)
232	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS-2720 (Part-5)
233	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (PART 6)
234	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (PART 41)
235	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test without pore pressure (UU) (Angle of friction)	IS 2720 (PART 11)
236	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test without pore pressure (UU) (Cohesion)	IS 2720 (PART 11)
237	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compression Strength (UCS)	IS 2720 (PART 10)
238	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer Test	IS-13311 (Part-2)
239	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse velocity test (UPV)	IS-516 (Part-5 / Sec 1)
240	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth Test	IS 516 (PART-5/ SEC. 3)

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Concrete	Load Testing of Bridges (RCC Girder, PSC Girder, Composite Girder & RCC Slab)	IRC:SP-51
2	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand	IS:2386 (Part-3)
3	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Concrete Pile	Pile Lateral load test	IS: 2911 (Pt-4)
4	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Concrete Pile	Pull-out test	IS : 2911 (Pt-4)
5	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Concrete Pile	Vertical (compression) load test	IS: 2911 (Pt-4)
6	MECHANICAL- SOIL AND ROCK	Clays & Soils	Dynamic Cone Penetration with Bentonite Slurry	IS 4968 : PART-2
7	MECHANICAL- SOIL AND ROCK	Clays & Soils	Dynamic Cone Penetration without Bentonite Slurry	IS 4968 : PART 1
8	MECHANICAL- SOIL AND ROCK	Clays & Soils	Electrical Resistivity Test (ERT)	IS 3043
9	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plate Load Test	IS 1888
10	MECHANICAL- SOIL AND ROCK	Clays & Soils	Standard Penetration Test (SPT)	IS 2131
11	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- (Core Cutting Method)	IS 2720 (PART 29)
12	MECHANICAL- SOIL AND ROCK	Soil	Dry Density-(Sand Replacement Method)	IS 2720 (PART 28)
13	MECHANICAL- SOIL AND ROCK	Soil	Field California Bearing Ratio (CBR)	IS 2720 (PART 31)
14	MECHANICAL- SOIL AND ROCK	Stone / Rock & Grout Concrete	Pull-out Test on anchor Bars and Rock bolts (Bond Strength)	IS 11309
15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile	Pile Integrity Test	ASTM D5882
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth Test	IS 516 (PART-5/ SEC. 3)