National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE BALAJI TEST HOUSE PVT. LTD. (TESTING DIVISION), FCA- 560, CHAWLA COLONY, BALLABGARH, FARIDABAD, HARYANA, 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
LOCATION 1-FCA- 560, CHAWLA COLONY, BALLABGARH, FARIDABAD, HARYANA, INDIA Permanent Facility				
1	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS: 6186,A-6
2	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS: 6186 (Annex-5)
3	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture	IS: 6186 , A-2
4	MECHANICAL- SOIL AND ROCK	Bentonite	pH Value	IS: 6186 ,A-6
5	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186, A-6
6	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling	IS: 6186 (Annex-4)
7	MECHANICAL- SOIL AND ROCK	Bentonite	Viscosity at 30°C	IS: 6186 (Annex-7)
8	MECHANICAL- SOIL AND ROCK	Rock	Moh’s Hardness	IS:13630 (Part-13)
9	MECHANICAL- SOIL AND ROCK	Rock	Brazillian Index	IS:10082
10	MECHANICAL- SOIL AND ROCK	Rock	Bulk Density	IS:13030
11	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrasiveness Index	ASTM D7625
12	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrasiveness Index	ISRM Method
13	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS:13030
14	MECHANICAL- SOIL AND ROCK	Rock	Fractured Faces	ASTM D 5821
15	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity	IS:9221
16	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content	IS:13030
17	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	ASTM D5731
18	MECHANICAL- SOIL AND ROCK	Rock	Poison’s Ration	IS:9221

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19	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS:13030
20	MECHANICAL- SOIL AND ROCK	Rock	Retained Tensile Strength	AASHTO T 283
21	MECHANICAL- SOIL AND ROCK	Rock	Shear Test on Rock	IS 7746
22	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS: 10050
23	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS:13030
24	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression Test UU Angle of Internal Friction	IS :13047
25	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS: 9143
26	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS:13030
27	MECHANICAL- SOIL AND ROCK	Soil	Swelling pressure	IS 2720 (Part-41)
28	MECHANICAL- SOIL AND ROCK	Soil	Relative Density	IS 2720 (Part 14)
29	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Soaked	IS: 2720 (Part 16)
30	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Soaked	AASHTO T193
31	MECHANICAL- SOIL AND ROCK	Soil	Cation exchange capacity of soil	IS 2720 (Part-24)
32	MECHANICAL- SOIL AND ROCK	Soil	Classification of soil	IS 1498
33	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Interface Friction	IS:13326 (Part 1)
34	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of permeability by Constant Head	IS : 2720 (Part-36)
35	MECHANICAL- SOIL AND ROCK	Soil	Compression index	IS:2720(Part-15)
36	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS:2720(Part-15)
37	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test of soil Containing Gravel - Ø	IS 2720 (Part-39/sec-1)

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38	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test of soil Containing Gravel -cohension	IS 2720 (Part-39/sec-1)
39	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test, Fie value	IS:2720(P-13)
40	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test, c value	IS: 2720 (Part-13)
41	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Equivalent	IS: 2720 (Part-18)
42	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part-40)
43	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis -Wet	IS 2720 (Part-4)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction MDD	IS 2720 (Part 8)
45	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS 2720 (Part 8)
46	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS 2720 (Part 7)
47	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS: 2720 (Part 7)
48	MECHANICAL- SOIL AND ROCK	Soil	Linear Shrinkage	IS :2720 (Part-20)
49	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part 5)
50	MECHANICAL- SOIL AND ROCK	Soil	Permeability test	IS:2720 (Part-17)
51	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part 5)
52	MECHANICAL- SOIL AND ROCK	Soil	Pull out coefficient-large shear box	ASTM D 6706
53	MECHANICAL- SOIL AND ROCK	Soil	Relative density of cohesion less soil	IS :2720 (Part-14)
54	MECHANICAL- SOIL AND ROCK	Soil	Shear strength of soil	IS 2720(Part-12)
55	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS: 2720 (Part 6)
56	MECHANICAL- SOIL AND ROCK	Soil	Silica Sesquioxide ratio	IS 2720 (Part-25)

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57	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	Is 2720 (Part-3/sec-I)
58	MECHANICAL- SOIL AND ROCK	Soil	Tri axial shear Test (c value)	IS:2720 (Part-11 & 12)
59	MECHANICAL- SOIL AND ROCK	Soil	Tri axial shear Test (Fie Value)	IS:2720 (Part-11 & 12)
60	MECHANICAL- SOIL AND ROCK	Soil	Vane Shear test	IS 2720 (Part-30)
61	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS: 2720 (Part 2)

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LOCATION 1-FCA- 560, CHAWLA COLONY, BALLABGARH, FARIDABAD, HARYANA, INDIA Site Facility				
1	MECHANICAL- SOIL AND ROCK	Rock	Pressure meter test volume change (menard method)	IS:12955 (Part-01)
2	MECHANICAL- SOIL AND ROCK	Rock	Pressure Meter Test Radial Displacement	IS:12955(Part-02)
3	MECHANICAL- SOIL AND ROCK	Rock	Seismic Refraction test	IS:15681
4	MECHANICAL- SOIL AND ROCK	Rock	Ultrasonic wave velocity in rock	ASTM D 2845
5	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Core Cutting Method	IS: 2720 (Part 29)
6	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Sand Replacement Method	IS:2720 (Part 28)
7	MECHANICAL- SOIL AND ROCK	Soil	Electricals Resistivity Test	IS:15736
8	MECHANICAL- SOIL AND ROCK	Soil	Ev2 Test	DIN:18134:04
9	MECHANICAL- SOIL AND ROCK	Soil	Ev2 Test	RDSO GE-14
10	MECHANICAL- SOIL AND ROCK	Soil	K-Value Test	IS: 9214
11	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS:1888
12	MECHANICAL- SOIL AND ROCK	Soil	Slope Stability Test	IRC 75
13	MECHANICAL- SOIL AND ROCK	Soil	Soil Resistivity Test	IS: 3043
14	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test(Soil Investigation Test) N Value	IS:2131

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LOCATION 2 - PLOT NO. P-9/I-22, GLOBAL INDUSTRIAL PARK, SECTOR-72 & 73, FARIDABAD, HARYANA, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS: 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride ion content	IS: 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS: 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS: 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS: 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity	IS 383 (CALUSE 5.6)(chemical Method)
7	CHEMICAL- BUILDING MATERIAL	Aggregate	Dissolved Silica	IS: 2386 (Part-7), (CL-3.7) (Gravimetric Method)
8	CHEMICAL- BUILDING MATERIAL	Aggregate	Sulphate as SO3	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Aluminium as Al2O3	IS 4032 cl. 4.6.1 by Gravimetric mtd
10	CHEMICAL- BUILDING MATERIAL	Cement	Calcium as CaO	IS 4032 cl. 4.7.2 by EDTA mtd
11	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement	Silica as SiO2	IS: 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric anhydride as SO3	IS: 4032
14	CHEMICAL- BUILDING MATERIAL	Cement	Iron as Fe2O3	IS 4032 by EDTA Method
15	CHEMICAL- BUILDING MATERIAL	Cement	Magnanese oxide MnO	IS:4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia as MgO	IS 4032 by EDTA
17	CHEMICAL- BUILDING MATERIAL	Cement	Sulphide Sulphur(S)	IS: 4032
18	CHEMICAL- BUILDING MATERIAL	Cement	Chloride	IS: 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue	IS: 4032
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chlorides as Cl	IS:4032
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS: 1727
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium oxide as MgO	IS: 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphur as SO3	IS:1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Water Soluble Sulphate	BS 1377 Part-3
25	CHEMICAL- BUILDING MATERIAL	GGBS	Calcium Oxide as CaO	IS:4032
26	CHEMICAL- BUILDING MATERIAL	GGBS	Aluminum oxide as Al2O3	IS:4032
27	CHEMICAL- BUILDING MATERIAL	GGBS	Chloride Cl	IS 4032
28	CHEMICAL- BUILDING MATERIAL	GGBS	Insoluble Residue	IS 4032
29	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition LOI	IS 4032
30	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesium Oxide as MgO	IS:4032
31	CHEMICAL- BUILDING MATERIAL	GGBS	Silica as SiO2	IS 4032
32	CHEMICAL- BUILDING MATERIAL	GGBS	Total Sulphate Content as SO3	IS:4032
33	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Acid insoluble Matter	IS 1514
34	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Aluminum Oxide	IS 1514
35	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Available lime as CaO (% Dry Basis)	IS 1514
36	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Calcium Oxide	IS 1514
37	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Iron Oxide Fe2O3	IS 1514

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38	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Magnesium Oxide	IS 1514
39	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Moisture Content	IS 1514
40	CHEMICAL- BUILDING MATERIAL	Hydrated lime	Silica	IS 1514
41	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Nickel(Ni)	IS:228(Pt- 5)
42	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Carbon (C)	IS: 228(Part-1)
43	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Manganese(Mn)	IS:228(Pt- 2)
44	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Phosphorous (P)	IS: 228(Part-3)
45	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Silicon	IS:228(Pt- 8)
46	CHEMICAL- BUILDING MATERIAL	Reinforcement steel	Sulphur (S)	IS: 228(Part- 9)
47	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	CaCO3 & Inert Fillers	ASTM D 4797
48	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Titanium Dioxide (TiO2)	ASTM D 4797
49	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Mass of Zinc	IS : 6745 (Stripping Method)
50	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Anodized coating	IS : 5523
51	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Carbon (C)	IS:228(Pt- 1)
52	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Chromium	IS:228(Pt- 6)
53	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Manganese(Mn)	IS:228(Pt- 2)
54	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Molybdenum	IS:228(Pt- 7)
55	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Nickel(Ni)	IS:228(Pt- 5)

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56	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Phosphorous (P)	IS:228(Pt- 3)
57	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Silicon	IS:228(Pt- 8)
58	CHEMICAL- METALS & ALLOYS	Carbon Steel (Low Alloy and plain carbon steel)	Sulphur (S)	IS:228(Pt- 9)
59	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Carbon (C)	IS:228 (Part 1)
60	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Cromium	IS 228 (Part 6)
61	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Manganese (Mn)	IS 228 (Part 2)
62	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Molybdenum	IS 228 (Part 7)
63	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Nickel (Ni)	IS:228 (Pt- 5)
64	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Phosphorous (P)	IS 228 (Part 3)
65	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Silicon	IS:228 (Part 8)
66	CHEMICAL- METALS & ALLOYS	Carbon Steel (Medium/High Alloy steel)	Sulphur (S)	IS 228 (Part 9)
67	CHEMICAL- METALS & ALLOYS	Ferrous Metals / Alloys	Anodized Thickness	IS : 5523
68	CHEMICAL- METALS & ALLOYS	Ferrous Metals / Alloys	Galvanization	IS : 6745
69	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS:228(Pt- 1)
70	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese(Mn)	IS:228(Pt- 2)
71	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel(Ni)	IS:228(Pt- 5)-
72	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous (P)	IS:228(Pt- 3)
73	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS:228(Pt- 8)
74	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	IS:228(Pt- 9)

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75	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS: 2720 (Part 23)
76	CHEMICAL- SOIL AND ROCK	Soil	Nitrogen(N)	IS 14684
77	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS: 2720 (Part- 22)
78	CHEMICAL- SOIL AND ROCK	Soil	pH	IS: 2720 (Part 26)
79	CHEMICAL- SOIL AND ROCK	Soil	Soluble Solids	IS: 2720 (Part- 21)
80	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate as SO3	BS:1377 (Part-3)
81	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	IS: 2720 (Part 22)
82	CHEMICAL- SOIL AND ROCK	Soil	Soluble Chlorides as Cl	BS:1377 (Part-3)
83	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate as SO3	IS 2720 Part 27
84	CHEMICAL- WATER	Construction Water	Organic Solids	IS:3025 (Part-18)
85	CHEMICAL- WATER	Construction Water	Total Dissolved Solids	IS:3025(Part -16)
86	CHEMICAL- WATER	Construction Water	Chloride	IS:3025 (Part-32)
87	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS:3025 (Part-16)
88	CHEMICAL- WATER	Construction Water	Sulphate	IS: 3025 (Part-24)
89	CHEMICAL- WATER	Construction Water	Alkalinity (ml of 0.02 'N' H2SO4 used)	IS:3025 (Part-22)
90	CHEMICAL- WATER	Construction Water	Acidity (ml of 0. 02 'N' NaOH used)	IS:3025 (Part-23)
91	CHEMICAL- WATER	Construction Water	pH Value	IS:3025 (Part-11)
92	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS:3025 (Part-17)
93	CHEMICAL- WATER	Drinking Water	Odour(Smell)	IS:3025 (Part-5)
94	CHEMICAL- WATER	Drinking Water	Sulphide	IS:3025 (Part-29)
95	CHEMICAL- WATER	Drinking Water	Ammonia	IS:3025 (Part-34)
96	CHEMICAL- WATER	Drinking Water	Calcium	IS:3025 (Part-40)
97	CHEMICAL- WATER	Drinking Water	Fluoride	IS:3025 (Part-60)
98	CHEMICAL- WATER	Drinking Water	Iron	IS:3025(Part-53)

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99	CHEMICAL- WATER	Drinking Water	Manganese	IS:3025(Part-59)
100	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS:3025(Part-26)
101	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025(Part-10)
102	CHEMICAL- WATER	Drinking Water	Aluminum	IS:3025 (Part-55)
103	CHEMICAL- WATER	Drinking Water	Bio Chemical Oxygen Demand (BOD)	IS :3025 Part- 44
104	CHEMICAL- WATER	Drinking Water	Chromium as Cr6+	IS 3025 (P-52)
105	CHEMICAL- WATER	Drinking Water	Colour, CU units	IS:3025 (Part-4)
106	CHEMICAL- WATER	Drinking Water	Copper	IS:3025 (Part-42)
107	CHEMICAL- WATER	Drinking Water	Magnesium	IS:3025 (Part-46)
108	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (P-34)
109	CHEMICAL- WATER	Drinking Water	Taste	IS:3025 (Part-7)
110	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS:3025(Part -23)
111	CHEMICAL- WATER	Drinking Water	Total Hardness	IS:3025 (Part-21)
112	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (COD)	IS :3025 Part- 58
113	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025-Pt.32
114	CHEMICAL- WATER	Drinking Water	pH Value	IS:3025(Part-11)
115	CHEMICAL- WATER	Drinking Water	Sulphate	IS:3025-Pt.24
116	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS:3025(Part -16)
117	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Bulk Density	IS:6441: (Part-1)
118	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Compressive strength	IS:6441: (Part-5)
119	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension (Height)	IS:2185:(Part-3)
120	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension (Length)	IS:2185:(Part-3)
121	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension (Weight)	IS:2185:(Part-3)
122	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Appearance (Visual)	Appendix - 4 ,MORTH V Revision:
123	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Boiling water test	ASTM D 3625

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124	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Boiling water test	IS 14982 Annex D
125	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Flash point	IS 1209
126	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Flash point	IS 1448 (Part-69)
127	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Nitrogen content	MORT&H Specs. Appendix 4
128	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Odour(Smelling)	Appendix - 4 ,MORTH V Revision:
129	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Pour point	IS 1448 (Part-10/Sec-2)
130	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Retained Marshall Stability	MORT&H Spec. (Appendix-4)
131	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Retained Marshall stability	MORT&H Specs Appendix 4
132	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Solubility in HDO	MORT&H Spec. (Appendix-4)
133	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Solubility in LDO	MORT&H Spec. (Appendix-4)
134	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Specific Gravity 27°C	IS: 1202
135	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Stripping value	IS: 6241
136	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Thermal Stability at 163°C	IS 14982 Annex B
137	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Total base value	ASTM D664
138	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Under water coating test	IS : 6241
139	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Water content	IS 1211
140	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation in % volume of distillate recovered at 360°C	IS 1213
141	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS:1211

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142	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation in % by volume of distillate recovered at 360 degree C	ASTM D-244
143	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue at 360 degree C	IS 1213
144	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Residue by evaporation	IS:8887 Annexure J
145	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Solubility in trichloroethylene	IS:1216
146	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Particle Charge	IS:8887 Annexure E
147	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Residue on 600 micron IS sieve	IS:8887 Annexure B
148	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Viscosity by sayblot furol viscometer at 25 degree C & 50 degree C	IS: 3117
149	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	coating ability & water resistance	IS:8887 Annexure F
150	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Ductility at 27 degree C	IS: 1208
151	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Stability to mixing with cement	IS:8887 Annexure G
152	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Coagulation of emulsion @ low temperature	IS:8887 Annexure C
153	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Miscibility with water	IS:8887 Annexure H
154	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Penetration at 25 degree C/100g/5 Sec.	IS: 1203
155	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion(Cationic Type)	Storage stability after 24 hour	IS:8887 Annexure D
156	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	ASTM D– 2172
157	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Boiling Water Test	ASTM D3625
158	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726
159	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Gradation	IS 2386 (Part-1)

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160	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Flow	ASTM D-6927
161	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D6927
162	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Mastic Hardness	IS 1195
163	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	ASTM D 4123-82
164	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	IRC 37
165	MECHANICAL- BUILDINGS MATERIALS	BOLT	Elongation	IS 1608 (Part 1)
166	MECHANICAL- BUILDINGS MATERIALS	BOLT	Hardness	IS 1586 (Part 1)
167	MECHANICAL- BUILDINGS MATERIALS	BOLT	Lower Yield	IS 1608 (Part 1)
168	MECHANICAL- BUILDINGS MATERIALS	BOLT	Proof Load	IS 1608 (Part 1)
169	MECHANICAL- BUILDINGS MATERIALS	BOLT	Ultimate Tensile Strength	IS 1608 (Part 1)
170	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS: 1077
171	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (WIDTH)	IS: 1077
172	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension(Length)	IS: 1077
173	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Compressive Strength	IS: 3495(Part1)
174	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Efflorescence	IS: 3495(Part 3)
175	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Warpage	IS : 3495 (Part-4)
176	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Water Absorption	IS: 3495(Part 2)
177	MECHANICAL- BUILDINGS MATERIALS	Cavity box	Density	ASTM D 792
178	MECHANICAL- BUILDINGS MATERIALS	Cavity box	Melt flow rate	ASTM D 1238

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179	MECHANICAL- BUILDINGS MATERIALS	Cavity box	Tensile strength & elongation	ASTM D 638
180	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Dimension	IS1237 Clause 7
181	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Flatness	IS 1237 Annex B
182	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Perpendicularity	IS 1237 Annex C
183	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Water absorption	IS 1237 Annex E
184	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 1237 Annex F
185	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Unconfined Compressive Strength	IS 9143
186	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Grading Sieve (Sieve Size: 4.75mm)	IS 2386 (Part 1)
187	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Liquid Limit	IS 2720 (Part 5)
188	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Plastic Limit	IS 2720 (Part 5)
189	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Plasticity Index	IS 2720 (Part 5)
190	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Resilient Modulus	ASTM D 4123
191	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Resilient Modulus	IRC 37
192	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Soundness by MgSO4	IS 2386 (Part 5)
193	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/ Cement Treated Base	Soundness by Na2SO4	IS 2386 (Part 5)
194	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Density	IS 4031 (Part 11)
195	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Final Setting time	IS: 4031(Part-5)
196	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Fineness by Blaine Permeability method	IS:4031(Part-2)
197	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Fineness Dry sieving Method	IS:4031(P-1)

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198	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Initial Setting Time	IS: 4031(Part-5)
199	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Soundness by Autoclave expansion method	IS: 4031(Part-3)
200	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Soundness by Le-Chatelier Expansion method	IS: 4031(Part-3)
201	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Standard Consistency	IS: 4031(Part-4)
202	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Transverse strength	IS : 4031 (Part-8)
203	MECHANICAL- BUILDINGS MATERIALS	Cement-(OPC/PPC/PSC)	Compressive Strength	IS: 4031(Part-6)
204	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Breaking Strength	IS :13630 (Part-6)
205	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Bulk Density	IS 13630 (Part-2)
206	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Chemical resistance	IS:13630 (Part-7)
207	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Coefficient of friction	IS :13630 (Part-4)
208	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Crazing resistance	IS :13630 (Part-9)
209	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Modulus of Rupture	IS :13630 (Part-6)
210	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Moisture Expansion	IS :13630 (Part-3)
211	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Resistance to acid & Alkali	IS :13630 (Part-8)
212	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Scratch Hardness	IS :13630 (Part-13):
213	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Surface Flatness	IS 13630 (Part-1)
214	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Surface Quality	IS :13630 (Part-1)
215	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Thermal shock Resistance	IS :13630 (Part-5)
216	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Thickness	IS 13630 (Part-1)

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217	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Warpage	IS :13630 (Part-1)
218	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Water absorption	IS:13630 (Part-2)
219	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fine value	IS 2386(Part 4)
220	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386(Part 4)
221	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity	IS: 2386(P-7)
222	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386(Part 3)
223	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386(Part 4)
224	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials (Clay lumps, Coal & Lignite)	IS: 2386(P-2)
225	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Part 1)
226	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386(Part 1)
227	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386(Part 4)
228	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron IS Sieve	IS 2386(Part 1)
229	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Petrographic Examination	IS 2386 (Part 8)
230	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished stone value	BS: 812 (P-114)
231	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished stone value	IS 2386(Part 4)
232	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 2.36mm)	IS 2386(Part 1)
233	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSo4	IS: 2386(P-5)
234	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2So4	IS: 2386(P-5)
235	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Part 3)

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236	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS: 6241
237	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(Part 3)
238	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Air content	IS 1199 (Part-4)
239	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Bleeding	IS: 9103,Annex D
240	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Comparative Compressive strength	IS 516 (Part-1) Sec-1
241	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Drying Shrinkage	IS 516 (Part-6)
242	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Flexural strength	IS: 516 Part 1: Sec1
243	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Flow	IS 9103,Annex C
244	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Length change	IS 516 (Part-6)
245	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Loss Workability	IS 9103 : (Clause 4)
246	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Slump	IS 1199 (Part-2)
247	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Time of setting	IS 1199 (Part-7)
248	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Water content	IS: 9103
249	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Angle of Kerb	IS:5758
250	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Compressive Strength	IS :516 Part 1Sec 1
251	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Height of kerb	IS:5758
252	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Thickness of Kerb	IS:5758
253	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Water absorption	IS: 5758
254	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Curing Efficiency	BS 7542

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255	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Day Light reflectance	BS 7542
256	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Ford Cup(B4) Viscosity	BS:7542
257	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Loss of Water in 72 Hrs.	BS:7542
258	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Specific Gravity	BS:7542
259	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Surface Drying Time	ASTM C 309
260	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention	ASTM C 156
261	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Buckling Resistance	IS 4020 (Part-9)
262	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Dimension - Height	IS 4020 (Part-2)
263	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Dimension - Thickness	IS 4020 (Part-2)
264	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Dimension - Width	IS 4020 (Part-2)
265	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Edge Loading Test	IS 4020 (Part-7)
266	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	End Immersion Test	IS 4020 (Part-13)
267	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	General Flatness	IS 4020 (Part-3)
268	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Glue Adhesion Test	IS 4020 (Part-15)
269	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Impact Identification Test	IS 4020 (Part-5)
270	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Knife Test	IS 4020 (Part-14)
271	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Local Planeness	IS 4020 (Part-4)
272	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Misuse Test	IS 4020 (Part-11)
273	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Screw Withdrawal Resistance Test	IS 4020 (Part-16)

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274	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Shock Resistance Test	IS 4020 (Part-8)
275	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Slamming Test	IS 4020 (Part-10)
276	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Squareness	IS 4020 (Part-2)
277	MECHANICAL- BUILDINGS MATERIALS	Doors and Shutters	Varying Humidity Test	IS 4020 (Part-12)
278	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity	IS: 2386(P-7)
279	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386(Part 3)
280	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials (Clay lumps, Coal & Lignite)	IS: 2386(P-2)
281	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Petrographic Examination	IS : 2386 (Part-8)
282	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand equivalent value	IS: 2720(P-37)
283	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm to 0.150 mm)	IS 2386(Part 1)
284	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt content	CPWD Method, Appendix-D
285	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSo4	IS: 2386(P-5)
286	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2So4	IS: 2386(P-5)
287	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386(Part 3)
288	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386(Part 3)
289	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS: 1727 Clause 10
290	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS:1727 Clause 6.1
291	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS: 1727 Clause 9
292	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particles Retained on 45 micron	IS: 1727 Clause 6.2.5

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293	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave Expansion method	IS:1727 Clause 7
294	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS: 1727 Clause no. 15
295	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Height	IS 13757
296	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Length	IS 13757
297	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Width	IS 13757
298	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compaction factor	IS : 1199 Part 6
299	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Density	IS : 1199 Part -3
300	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199 (Part-2)
301	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Transverse Load Rating Test	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test B
302	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Dimension	IRC-18-APP
303	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Load tension	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test C
304	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Water loss test	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test D
305	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Workability	MORT&H Spec. Clause 1805.6.2 Appendix 1800/I Test A
306	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	CBR	IS 2720 (Part 16)
307	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Heavy Compaction - MDD	IS 2720 (Part 8)
308	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Heavy Compaction - OMC	IS 2720 (Part 8)
309	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Liquid Limit	IS 2720 (Part 5)

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310	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Moisture Content	IS 2720 (Part 2)
311	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
312	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Plasticity Index	IS 2720 (Part 5)
313	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by Blaine Air Permeability Method	IS 4031(Part-2)
314	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714 Annex B
315	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag activity Index - 28days	IS 16714
316	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag activity Index - 7 days	IS 16714
317	MECHANICAL- BUILDINGS MATERIALS	GSB	Aggregate Impact Value	IS 2386 (Part 4)
318	MECHANICAL- BUILDINGS MATERIALS	GSB	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1) : Table 400-1 MORT&H Spec 2013
319	MECHANICAL- BUILDINGS MATERIALS	GSB	Water Absorption	IS 2386 (Part 3)
320	MECHANICAL- BUILDINGS MATERIALS	GSB	Wet Aggregate Impact Value	IS 5640
321	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of accelerated cured concrete specimen	IS: 516 Part 1: Sec1
322	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Concrete cube/Cylindrical	IS: 516 Part 1: Sec1
323	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of water Penetration under pressure	DIN:1048 (Part-5)
324	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of water Penetration under pressure	IS 516 Part 2: Sec1
325	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 Part 1: Sec1
326	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water absorption	IS: 516 Part 1: Sec1
327	MECHANICAL- BUILDINGS MATERIALS	NUT	Hardness Rockwell	IS 1586 (Part 1)

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328	MECHANICAL- BUILDINGS MATERIALS	NUT	Proof Load	IS 1608(Part 1)
329	MECHANICAL- BUILDINGS MATERIALS	NUT	Stress Under Proof Load	IS 1608(Part 1)
330	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimension	IS: 15658
331	MECHANICAL- BUILDINGS MATERIALS	Paver block	Flexural Strength Breaking Load	IS:15658
332	MECHANICAL- BUILDINGS MATERIALS	Paver block	Visual inspection	IS : 15658
333	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS : 15658
334	MECHANICAL- BUILDINGS MATERIALS	Paver block	Compressive strength	IS: 15658
335	MECHANICAL- BUILDINGS MATERIALS	Paver block	Thickness of wearing layer	IS: 15658
336	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60 degree C	IS: 1206(Pt-2)
337	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility TFOT	IS 1208
338	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash point	IS 1209
339	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash point(COC)	IS 1448 Part-69
340	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135 degree C	IS: 1206(Pt-3)
341	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Marshal Stability	ASTM D-6927
342	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS 1203
343	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Pour Point	IS:1448 (Part- 10)
344	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
345	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Solubility in trichloroethylene	IS:1216
346	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS 1202

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347	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity Ratio at 60°C TFOT	IS 1206 (Part-2)
348	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 15°C	IS 15462 (Annex A)
349	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 25°C	IRC SP 53 ANNE.4
350	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Flash point	IS 1209
351	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Fraass Breaking Point	IS: 9381
352	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Loss in mass	IS :9382
353	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Loss in weight	IS: 9382
354	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Loss on heating	IS: 1212
355	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Mineral Matter (Ash)	IS: 1217
356	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Separation	IS:15462
357	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Separation difference in softening point (R&B)	IRC SP 53(Annex 3)
358	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Softening Point	IS 1205
359	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Viscosity at 150°C	IS 1206 (Part-3)
360	MECHANICAL- BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Breaking load	IS:1608 (Part 1)
361	MECHANICAL- BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Cross sectional area	IS : 14268
362	MECHANICAL- BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Diameter	Annexure A-2 of IS :14268
363	MECHANICAL- BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Mass / Unit area	Annexure B-2 / A-2 of IS : 14268
364	MECHANICAL- BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Relaxation test – 100 H	IS: 14268 (Cl 6.2.4)
365	MECHANICAL- BUILDINGS MATERIALS	Pull-out Test	Pull-out Test	IS 2770 (Part-1)

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366	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Cross sectional area	IS 2062 , Clause 15
367	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Bend test	IS : 1599
368	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Diameter	IS 1786 , Clause 6.3
369	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Elongation Percent	IS:1608(Part 1)
370	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Mass per meter	IS 1786 Clause 7.1
371	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Re-bend test	IS: 1786
372	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Rockwell hardness	IS 1586 (Part 1)
373	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Rockwell hardness	IS: 1586 (Part 1)
374	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Ultimate Tensile Strength	IS 1608 (Part 1)
375	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Yield stress	IS: 1608 (Part 1)
376	MECHANICAL- BUILDINGS MATERIALS	Retro reflective Signboards/Road Studs/TRMM	Coefficient of Retro-reflection-RL & QD	ASTM E1709 -16e2
377	MECHANICAL- BUILDINGS MATERIALS	Rivets	Diameter	IS : 1929
378	MECHANICAL- BUILDINGS MATERIALS	Rivets	Dump test	IS: 1148
379	MECHANICAL- BUILDINGS MATERIALS	Rivets	Head Soundness Test	IS: 1148
380	MECHANICAL- BUILDINGS MATERIALS	Rivets	Shear test	IS : 5242
381	MECHANICAL- BUILDINGS MATERIALS	Steel Pipe Tube	Flattening Test	IS 2328 , Clause 6.1
382	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Coeff. Of Retro-Reflection	BS EN 1436
383	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Binder Content	BS:3262 (Part 1) Appendix D
384	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Coeff. Of retro-reflection	ASTM D1710

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385	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Color	AASHTO M249
386	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Cracking Resistance	AASHTO T 250
387	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Drying Time	MORT&H Spec.
388	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Flow Resistance Test	AASHTO T-250
389	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Free Flow Test	MORTH Spec.(Sec.800)
390	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Glass Beads Content	BS:3262 Part 1 Appendix C
391	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Gradation of Glass Beads(Type 1 & 2)	MORTH Spec.(Sec.800)
392	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Luminance Test	AASHTO M249
393	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Refractive Index	BS 6088
394	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Roundness-Microscopic	BS EN 1423
395	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Skid Resistance	BS 6044 Appendix K
396	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Softening Point	ASTM D 36
397	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material :	Roundness-Microscopic	BS: 6088
398	MECHANICAL- BUILDINGS MATERIALS	Timber	Density	IS 2380 (Part-3) Clause 3.2.2
399	MECHANICAL- BUILDINGS MATERIALS	Timber	Identification of wood	IS 15457
400	MECHANICAL- BUILDINGS MATERIALS	Timber	Identification of wood	IS 4970
401	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS1708(Part-1)
402	MECHANICAL- BUILDINGS MATERIALS	Timber	Specific Gravity	IS1708 (Part-2)
403	MECHANICAL- BUILDINGS MATERIALS	Timber	Tensile strength	IS 1708 (Part-9)

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404	MECHANICAL- BUILDINGS MATERIALS	Timber	Water Absorption	IS 2380 (Part-16)
405	MECHANICAL- BUILDINGS MATERIALS	WASHER	Rockwell Hardness	IS 1586 (Part 1)
406	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Elongation Index	IS 2386 (Part 1
407	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Flakiness Index	IS 2386 (Part 1)
408	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Fractured Faces	ASTM D 5821
409	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1)
410	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Impact Value	IS 2386 (Part 4)
411	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Liquid Limit	IS 2720 (Part 5)
412	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
413	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Plastic Limit	IS 2720 (Part 5)
414	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Plasticity Index	IS 2720 (Part 5)
415	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Soundness by Na2SO4	IS 2386 (Part 5)
416	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Water Absorption	IS 2386 (Part 3)
417	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Wet Aggregate Impact Value	IS 5640
418	MECHANICAL- BUILDINGS MATERIALS	WBM	Soundness by MgSO4	IS 2386 (Part 5)
419	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)
420	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part 1)
421	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1)
422	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 (Part 4)

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423	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
424	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
425	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
426	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Plasticity Index	IS 2720 (Part 5)
427	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Soundness by MgSO4	IS 2386 (Part 5)
428	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Soundness by Na2SO4	IS 2386(Part 5)
429	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part 3)
430	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Diameter	IS 278
431	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Mass of wire	IS: 278
432	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Mass of zinc coating	IS: 4826
433	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Tension test	IS:1608 (Part-1)
434	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Wrapping test	IS 1755
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Bend test	IS: 1599
436	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Cross sectional area	IS : 2062 ,Clause 15
437	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Diameter	Cl 6.3 of IS: 1786

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438	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Elongation	IS:1608 (Part 1)
439	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Mass per meter	IS : 1786 ,Clause 7.1
440	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Rebend test	IS : 1786
441	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Reduction area	IS:1608 (Part 1)
442	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Rockwell hardness	IS: 1586 (Part 1)
443	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Thickness	IS : 2062,Clause 15
444	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Ultimate Tensile Strength	IS: 1608 (Part 1)
445	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Yield stress	IS:1608 (Part 1)
446	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Accelerated Aging	IS:3400 Part -4
447	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Ash Content	ASTM D297
448	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Compression Set	ASTM D395, Method B
449	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Compression Set	IS:3400 (Part X)
450	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Density	ASTM D792
451	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Elongation at Break	IS:3400 (Part -1)
452	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Hardness	ASTM D2240
453	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Hardness	IS:3400 (Part -2)

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454	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Tear strength	ASTM D624
455	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Tensile Strength	IS:3400 (Part 1)
456	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Pot, Pot-cum-PTFF, Pin & Metallic Spherical & Cylindrical, Roller , Rocker	Rotation Test	IRC 83 (Part III):Clause 7.4.3.3.3
457	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Pot, Pot-cum-PTFF, Pin & Metallic Spherical & Cylindrical, Roller , Rocker	Friction Test	IRC 83 (Part III & IV): Clause 7.4.3.2
458	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Elastic Modulus-Compression Stiffness	IRC 83 (Part II): Clause C.3
459	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Shear Bound Stripping/Adhesion Strength-Bond Shear Strength	IRC 83 (Part II): Clause C.4
460	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Shear Modulus	IRC 83 (Part II):Clause C.2
461	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric, Pot, Pot-cum-PTFF, Pin & Metallic Spherical & Cylindrical, Roller , Rocker	Proof Load Test-Vertical/Horizontal	IRC 83 (Part-3 & 4)
462	MECHANICAL- TEXTILE MATERIALS	Geo composite	Apparent opening Size	ASTM D4751
463	MECHANICAL- TEXTILE MATERIALS	Geo composite	Elongation	ASTM D 5035
464	MECHANICAL- TEXTILE MATERIALS	Geo composite	Mass Per Square Meter	ISO 9864
465	MECHANICAL- TEXTILE MATERIALS	Geo composite	Mass Per Square Meter	ASTM D 5261
466	MECHANICAL- TEXTILE MATERIALS	Geo composite	Tensile Strength	ISO 10319
467	MECHANICAL- TEXTILE MATERIALS	Geo composite	Tensile Strength	ASTM D 5035
468	MECHANICAL- TEXTILE MATERIALS	Geo composite	Thickness	ASTM D5199
469	MECHANICAL- TEXTILE MATERIALS	Geo composite	Thickness	IS 13162 (Part-3)
470	MECHANICAL- TEXTILE MATERIALS	Geo composite	Thickness	ISO 9863

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471	MECHANICAL- TEXTILE MATERIALS	Geocell	Carbon black content	ASTM D 4218
472	MECHANICAL- TEXTILE MATERIALS	Geocell	Density	ASTM D 79
473	MECHANICAL- TEXTILE MATERIALS	Geocell	Local overstressing test	ISO 13426 Part- 1 method -D
474	MECHANICAL- TEXTILE MATERIALS	Geocell	Peeling test	ISO 13426 Part- 1 method -B
475	MECHANICAL- TEXTILE MATERIALS	Geocell	Splitting test	ISO 13426 Part- 1 method –C
476	MECHANICAL- TEXTILE MATERIALS	Geocell	Tensile Shear Test	ISO 13426 Part- 1 method –A
477	MECHANICAL- TEXTILE MATERIALS	Geocell	Thickness	ASTM D 5199
478	MECHANICAL- TEXTILE MATERIALS	Geogrid /Polymer	Aperture Size & Number of Ribs/Meter	ASTM D5261
479	MECHANICAL- TEXTILE MATERIALS	Geogrid /Polymer	Elongation	ASTM D6637
480	MECHANICAL- TEXTILE MATERIALS	Geogrid /Polymer	Mass Per Square Meter	ASTM D5261
481	MECHANICAL- TEXTILE MATERIALS	Geogrid /Polymer	Tensile strength	ASTM D 6637
482	MECHANICAL- TEXTILE MATERIALS	Geogrid /Polymer	Ultraviolet Stability	ASTM D4355
483	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Tear test	ASTM D 4533
484	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Apparent opening Size	ASTM D 4751
485	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	CBR Puncture Resistance	ISO 12236
486	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Elongation	ASTM D5035
487	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Grab Elongation Strength	ASTM D 4632
488	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Grab Tensile Strength	ASTM D 4632
489	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Static puncture strength	ASTM D 6241

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490	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Tensile Strength	ASTM D5035
491	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Thickness (Single layers)	ASTM D 5199
492	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Thickness (Single layers)	IS 13162 (Part-3)
493	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven /Non Woven)	Water flow rate	ASTM D 4491
494	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven/ Non Woven)	Mass Per Square Meter	ASTM D 5261
495	MECHANICAL- TEXTILE MATERIALS	Para web	Tensile strength	ASTM D 6637
496	MECHANICAL- TEXTILE MATERIALS	Para web	Elongation	ASTM D 6637
497	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Dart Impact Strength	IS :13360 Part -5 Sec-6 ,Method B
498	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Elongation at Break	IS 13360 Part-5 (Sec-1)
499	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Elongation at Break	IS 13360 Part-5 (Sec-3)
500	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Tensile Strength	IS :13360 Part-5 Sec 1
501	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Tensile Strength	IS 13360 Part-5 (Sec-3)
502	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Thickness of Sheet	IS 2508
503	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile strength	IS:1734:(Part-9)
504	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Absorption	IS :2380 (P-16)
505	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/ Timber	Density	IS :2380 (P-3) Clause 3.2.2
506	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/ Timber	Moisture Content	IS:1708(Part-1)
507	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/ Timber	Specific Gravity	IS:1708 (P-2)
508	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/ Timber	Water Absorption	IS :2380 (P-16)

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509	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/ Timber	Identification of wood	IS 4970

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LOCATION 2 - PLOT NO. P-9/I-22, GLOBAL INDUSTRIAL PARK, SECTOR-72 & 73, FARIDABAD, HARYANA, INDIA Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR	Ammonia	IS:5182 (Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR	Oxides of Nitrogen(NO2)	IS:5182 (Part-6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR	Particulate Matter PM10	IS:5182 (Part-23)
4	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR	Particulate Matter PM2.5	IS:5182 (P-24)
5	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT AIR	Sulphur Dioxide(SO2)	IS:5182 (Part-2)
6	CHEMICAL- ATMOSPHERIC POLLUTION	AMBIENT NOISE	Noise Level	IS 9989
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS 13270
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	IS 13270
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255(Part-7)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	IS 13270
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part-1)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO)2	IS 11255 (Part-2)
13	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ Concrete Road Section	FWD	IRC 81
14	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ Concrete Road Section	NSV(LCMS-2)	IRC SP 16
15	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ concrete Road Section	Benkelman Beam Deflection Test (Bituminous Section)	IRC:81
16	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ concrete Road Section	Bridge Load Test (Bituminous and concrete Section)	IRC SP:51
17	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ concrete Road Section	Surface evenness of Highway Pavements (Bituminous & Concrete Road)	IRC SP:16

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18	MECHANICAL- BUILDINGS MATERIALS	Concrete Pile	Static Pile Load Test	IS: 2911 (Part 4)
19	MECHANICAL- BUILDINGS MATERIALS	Concrete Pile	Dynamic Pile Load Test	IS: 2911 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Pile	Lateral Pile Load Test	IS: 2911 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Pile	Pile Pullout Test	IS: 2911 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Pile	Uplift Pile load Test	IS 2911 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Retro reflective Signboards/Road Studs/TRMM	Coefficient of Retro-reflection-RL & QD	ASTM -E810
24	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cappo Test	ASTM C 900
25	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	BS-EN 14630
26	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	IS 516 (Part-5/Sec-3)
27	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 (Part-204)
28	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	IS 516 (Part-5/Sec-2))
29	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	ASTM C 876
30	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Integrity Test	ASTM D5882

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31	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 13311 (Part-2)
32	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 (Part-5/Sec-4)
33	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Cross hole Logging Test	ASTM D6760
34	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test (UPV)	IS:516(P-5/Sec-1)