National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANULAB INDUSTRIAL TESTING &ANALYTICAL LABORATORIES, 212 KM MILESTONE, NH-2, AGRA KANPUR ROAD, NAGLA RAMBAKSH, ETMADPUR, AGRA, UTTAR PRADESH, 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 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	Cement	Alumina as Al2O3	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement	Chloride content	IS 4032 , Clause - 4.13
8	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue-IR	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Iron as Fe2O3	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Lime as CaO	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition- LOI	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia as MgO	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Silica as SiO2	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydrie as SO3	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles	Chemical Resistance	IS 13630 (Part 7)
16	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Chloride content	IS 14959 (Part 2)
17	CHEMICAL- BUILDING MATERIAL	Fly Ash (For road works)	Water Soluble Chlorides	BS 1377 (Part 3)
18	CHEMICAL- BUILDING MATERIAL	Fly ash(for road works)	Total Soluble Solids	IS 2720 PT 21

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19	CHEMICAL- BUILDING MATERIAL	Fly Ash(for road works)	Water Soluble Sulphates	BS 1377 (Part 3)
20	CHEMICAL- BUILDING MATERIAL	Fly ash(for road works)	pH Value	IS 2720 Pt 26
21	CHEMICAL- BUILDING MATERIAL	Rock Stone , Coarse & Fine Aggregate	Alkali Aggregate Reactivity	IS 2386(Part 7)
22	CHEMICAL- BUILDING MATERIAL	Rock Stone , Coarse & Fine Aggregate	Deleterious Substances Material	IS 2386 (Part 1)
23	CHEMICAL- BUILDING MATERIAL	Rock Stone , Coarse & Fine Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
24	CHEMICAL- BUILDING MATERIAL	Rock Stone , Coarse & Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
25	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Carbon	IS 12308 (Part 11)
26	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Chromium	IS 12308 (Part 8)
27	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Manganese	IS 12308 (Part 10)
28	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Nickel	IS 12308 (Part 7)
29	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Phosphorous	IS 12308 (Part 5)
30	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Silicon	12308 (Part 6)
31	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Sulphur	IS 12308 (Part 2)
32	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Copper	IS 3685
33	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Lead	IS 3685
34	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Manganese	IS 3685
35	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Nickel	IS 3685
36	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Silicon	IS 3685
37	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass)	Tin	IS 3685

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38	CHEMICAL- METALS & ALLOYS	Plain Steel & Alloy Steel	Manganese	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Plain Steel & Alloy Steel	Phosphorous	ASTM E 415
40	CHEMICAL- METALS & ALLOYS	Plain Steel & Alloy Steel	Silicon	ASTM E-415
41	CHEMICAL- METALS & ALLOYS	Plain steel & Alloy Steel	Sulphur	ASTM E415
42	CHEMICAL- METALS & ALLOYS	Plan Steel & Alloy Steel	Carbon	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Plan Steel & Alloy Steel	Carbon Equivalent	ASTM E 415
44	CHEMICAL- SOIL AND ROCK	Soils	Calcium Carbonate	IS 2720 (Part 23)
45	CHEMICAL- SOIL AND ROCK	Soils	Organic Matter	IS 2720 (Part 22)
46	CHEMICAL- SOIL AND ROCK	Soils	pH Value	IS 2720 (Part 26)
47	CHEMICAL- SOIL AND ROCK	Soils	Soluble Chlorides	BS 1377 (Part 3)
48	CHEMICAL- SOIL AND ROCK	Soils	Soluble Sulphates	IS 2720 (Part 27)
49	CHEMICAL- SOIL AND ROCK	Soils	Total Soluble Solids	IS 2720 (Part 21)
50	CHEMICAL- SOIL AND ROCK	Soils	Water Soluble Sulphates	BS 1377 (Part 3)
51	CHEMICAL- WATER	Portable Ground Water & Drinking water	pH Value	IS 3025 (Part 11)
52	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Calcium as Ca	IS 3025 (Part 40)
53	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Chloride as Cl	IS 3025 (Part 32)
54	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
55	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Sulphates as SO4	IS 1325 (Part 24)
56	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Sulphites as SO3	IS 3025 (Part 28)
57	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Total Alkalinity	IS 3025 (Part 23)
58	CHEMICAL- WATER	Potable Ground Water & Drinking Water	Total Dissolved Solids-TDS	IS 3025 (Part 16)
59	CHEMICAL- WATER	Potable Ground Water & Drinking water	Total Hardness	IS 3025 (Part 21)
60	CHEMICAL- WATER	Water for Construction Purposes	Chloride as Cl	IS 3025 (Part 32)

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61	CHEMICAL- WATER	Water for Construction Purposes	Inorganic Solids	IS 3025 (Part 18)
62	CHEMICAL- WATER	Water for Construction Purposes	Organic Solids	IS 3025 (Part 18)
63	CHEMICAL- WATER	Water for Construction Purposes	pH Value	IS 3025 (Part 11)
64	CHEMICAL- WATER	Water for Construction Purposes	Sulphates as SO3	IS 3025 (Part 24)
65	CHEMICAL- WATER	Water for Construction Purposes	Suspended Matter	IS 3025 (Part 17)
66	CHEMICAL- WATER	Water for Construction Purposes	Volume of 0.02N H2SO4 required to Neutralize 100 ml water sample using Mixed Indicator	IS 3025 (Part 23)
67	CHEMICAL- WATER	Water for Construction Purposes	Volume of 0.02N H2SO4 required to Neutralize 100 ml water sample using Mixed Indicator	MORTH Vth Revision , Specs - 1010 (a)
68	CHEMICAL- WATER	Water for Construction Purposes	Volume of 0.02N NaOH required to Neutralize 100 ml water sample using Phenolphthalein Indicator	IS 3025 (Part 22)
69	CHEMICAL- WATER	Water for Construction Purposes	Volume of 0.02N NaOH required to Neutralize 100 ml water sample using Phenolphthalein Indicator	MORTH Vth Revision , Specs - 1010 (a)
70	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads -Free Flow Test - 4 Hours	AASHTO M 247
71	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Resistance toTemperature Cycling	ASTM D4280 ,Clause - 9.4.2
72	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Appearance - Visual	Appendix - 4 ,MORTH V Revision
73	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Flash Point - COC	IS1448 (Part 69)
74	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Odour - Smelling	Appendix - 4 MORTH- V Revision
75	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Retained Marshall Stability	ASTM D6927
76	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Specific Gravity at 27°C	IS 1202
77	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Stripping Value	IS 14982 ,Annex D
78	MECHANICAL- BUILDINGS MATERIALS	Anti Stripping Agent	Water Content	IS 1211

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79	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Boiling Water Test	ASTM D 3625
80	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Pour Point	IS 1448 (Part 10/ Sec 2)
81	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Retained Stability- Indirect Tensile Strength Ratio	IS 14982, Annex E
82	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Solubility in Diesel Oil	IS 14982, Annex A
83	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Stripping Value	IS 6241
84	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Thermal Stability at 163 °C- 24 Hours	IS 14982, Annex - B/D/E
85	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Under Water Coating Test	IS 14982, Annex - C
86	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agent	Water Content	IS 1448 (Part 40)
87	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agents	Retained Stability- Indirect Tensile Strength Ratio	Appendix- 4, MORTH Vth Revision
88	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agents	Solubility in Diesel Oil	Appendix-4, MORTH Vth Revision
89	MECHANICAL- BUILDINGS MATERIALS	Antistripping Agents	Under Water Coating Test as per MORTH Specifications	IS 6241
90	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Foaming at 175°C	Clause 6.1, IS 73
91	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of Emulsion	IS 8887
92	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability & Water Resistance	IS 8887
93	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation % by Volume	IS 1448 (Part 18)
94	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887
95	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
96	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887
97	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron Sieve	IS 8887

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98	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Saybolt Furol Viscosity	IS 3117
99	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to Mixing with Cement	IS 8887
100	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability after 24 h	IS 8887
101	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsions	Distillation % by Volume	IS 1213
102	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content by Centrifuge Extraction	IRC SP 11
103	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content by Centrifuge Extraction Method	ASTM D2172
104	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content by Ignition Method	ASTM D6307
105	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Recovery : Rotary Evaporator	ASTM D5404
106	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Recovery : Rotary Evaporator	BS 2000-397
107	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Recovery : Rotary Evaporator	BS EN 12697-3
108	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Hamburg Wheel Rut Test	EN 12697-22
109	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Hamburg Wheel Rut Test - Double Wheel Tracker	AASHTO T 324
110	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Indirect Tensile Strength	ASTM D6931
111	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
112	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	ASTM D 4123
113	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	BS EN 12697 (Part 26)
114	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus (MR Value)	IRC 37
115	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resistance to Plastic Flow	AASHTO T 245
116	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resistance to Plastic Flow	ASTM D5581

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117	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Retained Tensile Strength	AASHTO T 283
118	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Retained Tensile Strength	EN 12697-12
119	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Soluble Binder Content	ASTM D8159
120	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Soluble Binder Content	BS EN 12697-1
121	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
122	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions- Height of 20 No	IS 12894 clause 6.2.1
123	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions-Length of 20 No	IS 1077 clause 6.2.1
124	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions-Width of 20 No	IS 13757 clause 6.2.1
125	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence Test	IS 3495 (Part 3)
126	MECHANICAL- BUILDINGS MATERIALS	Bricks	Warpage Test	IS 3495 (Part 4)
127	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
128	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
129	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency Test	IS 4031 (Part 4)
130	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
131	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability Method	IS 4031 (Part 2)
132	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
133	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness Wet Sieving	IS 4031 (Part 15)
134	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
135	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Autoclave Method	IS 4031 (Part 3)

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136	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chateliers Method	IS 4031 (Part 3)
137	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 11)
138	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Dimension Test	IS 1237
139	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Flatness of Tile Surface	IS 1237
140	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Perpendicularity	IS 1237
141	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Resistance to Wear	IS 1237
142	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Straightness	IS 1237
143	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Water Absorption - WA	IS 1237
144	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 1237
145	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Antislip Properties by Ramp Test	DIN 51097
146	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Antislip Properties by Ramp Test	DIN 51130
147	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 (Part 6)
148	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 (Part 2)
149	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Coefficient of Friction- British Pendulum Tester	ASTM E303
150	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Resistance(Glazed Tiles)	IS 13630 (Part 9)
151	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions	IS 13630 (Part 1)
152	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Linear Thermal Expansion	IS 13630 (Part 4)
153	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 (Part 6)
154	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Moisture Expansion	IS 13630 (Part 3)

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155	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Acid and Alkalis (Glazed/ Unglazed)	IS 13630 (Part 7 & 8)
156	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Household Chemicals (Glazed/ Unglazed)	IS 13630 (Part 7 & 8)
157	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
158	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Stain Resistance (Glazed Tiles)	IS 13630 (Part 7 & 8)
159	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Surface Quality	IS 13630 (Part 1)
160	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thermal Shock Resistance	IS 13630 (Part 5)
161	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part-2)
162	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Resistivity Test	ASTM G57
163	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Resistivity Test	IS 3043
164	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 (Part 2)
165	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 5640
166	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Mastic Hardness Number	IS 1195
167	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone Value	ASTM E303
168	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Polished Stone Value	BS 812 (Part 114)
169	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Resistance to Wear by Micro-Deval Machine	BS EN 1097-1
170	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
171	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value by Los Angeles Machine	IS 2386 (Part 4)
173	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)

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174	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Combined Flakiness & Elongation Indices	IS 2386 (Part 1)
175	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
176	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
177	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
178	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Fractured Faces	ASTM D 5821
179	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
180	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Materials Finer than 75 micron	IS 2386 (Part 1)
181	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Petrographic Examination	IS 2386 (Part 8)
182	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Polished Stone Value	EN 1097-8
183	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Polished Stone Value	EN 14231
184	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75 to 100 mm	IS 2386 (Part 1)
185	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Stripping Value	IS 6241
186	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Ten Percent Fines Value	BS 812 (Part 111)
187	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Angle of Kerb	IS 5758
188	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Compressive Strength by Core	IS 516 (Part 4)
189	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Height of Kerb	IS 5758
190	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Mass of Kerb	IS 5758
191	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Thickness of Kerb	IS 5758
192	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Water Absorption - 10 minutes	IS 5758 (Appendix - B)

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193	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Water Absorption - 24 Hours	IS 5758 (Appendix - B)
194	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Width of Kerb	IS 5758
195	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Day Light Reflectance	ASTM E1347
196	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Density at 27°C	ASTM D1217
197	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Long Term Setting Properties	ASTM D130
198	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Long Term Setting Properties	ASTM D869
199	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Non Volatile Content	ASTM D2369
200	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Surface Drying Time	ASTM C 309
201	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention Efficiency Index	BS 7542
202	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention Efficiency Index	ASTM C156
203	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention in 72 hours	ASTM C 156
204	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Bulk Density	IS 2386 (Part 3)
205	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Materials Finer than 75 micron	IS 2386 (Part 1)
206	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Mortar Making Properties	IS 2386 (Part 6)
207	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Petrographic Examination	IS 2386 (Part 8)
208	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Sand Equivalent Value	IS 2720 (Part 37)
209	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Sieve Analysis (0.075 to 4.75mm)	IS 2386 (Part 1)
210	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Specific Gravity	IS 2386 (Part 3)
211	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates [Sand/ Crushed stone/ M Sand]	Water Absorption	IS 2386 (Part 3)

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212	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates[Sand/Crused Stone/M Sand	Deleterious Substances Material	IS 2386 (Part 2)
213	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Compaction Factor	IS 1199 (Part 6)
214	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Density	IS 1199 (Part 3)
215	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Slump-Consistency	IS 1199 (Part 2)
216	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength- Core	IS 516 (Part 4)
217	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength-Cube/Cylinder	IS 516 (Part 1/Sec 1)
218	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength-Cube/Cylinder	IS 9013
219	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of Water Penetration under water Pressure	IS 516 (Part 2 / Sec 1)
220	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength- Beam	IS 516 (Part 1/Sec 1)
221	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881 (Part 122)
222	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability [Dia: 150mm; H:150mm]	MORTH Vth Revision Clause 1717.7.5
223	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability [Dia: 150mm; H:150mm]	DIN 1048 (Part 5) (Withdrawn)
224	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability [Dia: 200mm; H: 120mm]	IRS Concrete Bridge Code
225	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Complex Modulus G* at 76 °C with 1mm Gap & 25 mm Plate	AASHTO T315
226	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Complex Modulus G* at 76 °C with 1mm Gap & 25 mm Plate	ASTM D7175
227	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Complex Modulus G* at 76 °C with 1mm Gap & 25 mm Plate	IS 15462
228	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Phase Angle (Sin Delta)-DSR with 1 mm Gap & 25 mm Plate	AASHTO T315
229	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Phase Angle (Sin Delta)-DSR with 1 mm Gap & 25 mm Plate	ASTM D7175
230	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Phase Angle (Sin Delta)-DSR with 1 mm Gap & 25 mm Plate	IS 15462

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231	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Thin Film Rolling Test- [TFOT]	ASTM D2872
232	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Complex Modulus G* at 76 °C with 1mm Gap & 25 mm Plate	Annex 1, IRC: SP:53
233	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Complex Modulus G* at 76 °C with 1mm Gap & 25 mm Plate	ASTM D7405
234	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/ NRMB/HiMA]	Increase in Softening Point [TFOT Residue]	IS 1205
235	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA/]	Phase Angle (Sin Delta)-DSR with 1 mm Gap & 25 mm Plate	Annex 1,IRC :SP:53
236	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA/]	Phase Angle (Sin Delta)-DSR with 1 mm Gap & 25 mm Plate	ASTM D7405
237	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Separation Test- (R&B) in °C	AASHTO T315
238	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Separation Test- (R&B) in °C	ASTM D7175
239	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Separation Test- (R&B) in °C	IS 15642
240	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	AASHTO T315
241	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	ASTM D7175
242	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	ASTM D7405
243	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	IS 15462
244	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Elastic Recovery at 15°C	Annexure-2,IRC : SP : 53
245	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Reduction in Penetration at 25°C	IS 1203
246	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Shear Modulus(G* / Sin Delta) with 1mm Gap & 25mm Plate	Annex 1,IRC:SP:53
247	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Elastic Recovery at 15 °C	IS 15462, Annex 2
248	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Elastic Recovery at 15°C	IRC: SP: 53
249	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Flash Point by COC	IS 1448 (Part 69)

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250	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	FRAASS Breaking Point	IS 9381
251	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Loss in Mass - [TFOT Residue]	IS 9382
252	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Mineral Matter Ash	IS 1217
253	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Penetration Test 25°C	IS 1203
254	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Separation Test - (R&B) in°C	Annex 1, IRC:SP:53
255	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Separation Test- (R&B) in °C	ASTM D7405
256	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Softening Point - (R&B)	IS 1205
257	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Specific Gravity	IS 1202
258	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Thin Film Rolling Test - [TFOT]	IS 9382
259	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Viscosity at 150°C	IS 1206 (Part 2)
260	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen [PMB/CRMB/NRMB/HiMA]	Water Content Test	IS 1211
261	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Abrasion Resistance	Annex G, IS 15658
262	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Breaking Load	Annex F,IS 15658
263	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	Annex D, IS 15658
264	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Dimensions Test	Annex B, IS 15658
265	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Flexural Strength	Annex F, IS 15658
266	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Tensile Splitting Strength	Annex E, IS 15658
267	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Thickness of Wearing Layer	Clause 6.2.3, IS 15658
268	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Visual Inspection	Clause 7.1, IS 15658

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269	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	Annex C, IS 15658
270	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG - 10/20/30/40]	Penetration at 25°C	IS 1203
271	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG - 10/20/30/40]	Viscosity Ratio [RTFOT Residue] at 60ºC	IS 1206(Part 2)
272	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Kinematic Viscosity at 135 °C	ASTM D4402
273	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Rolling Thin Film Oven Test-[RTFOT] Durability Test	ASTM D2872
274	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Absolute Viscosity at 60 °C	IS 1206 (Part 2)
275	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Flash Point	IS 1448 (Part 69)
276	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Kinematic Viscosity at 135ºC	IS 1206 (Part 3)
277	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Mineral Matter Ash	IS 1217
278	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Rolling Thin Film Oven Test-[RTFOT] Durability Test	IS 15799
279	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Specific Gravity	IS 1202
280	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG -10/20/30/40]	Water Content Test	IS 1211
281	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG-10/20/30/40]	Ductility after [RTFOT Residue] at 25°C	IS 1208
282	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG-10/20/30/40]	Flash Point - COC	IS 1448 (Part 69)
283	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG-10/20/30/40]	FRAASS Breaking Point	IS 9381
284	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG-10/20/30/40]	Softening Point (R&B)	IS 1205
285	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen [VG-10/20/30/40]	Solubility in TCE	IS 1216
286	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Complex Modulus (G*) with 8mm Spindle	AASHTO T315
287	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Elastic Recovery of HT at 15°C	AASHTO T301

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288	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Flash Point by COC	AASHTO T48
289	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Loss in Mass [RTFO Residue]	AASHTO T240
290	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	MSCR Diff. in Non-Recoverable Creep Jnrdiff	AASHTO TP70
291	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	MSCR Non-Recoverable Creep Jnr3.2	AASHTO TP70
292	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Phase Angle (Sin Delta) with 8mm Spindle	AASHTO T315
293	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Shear Modulus (G*/Sin Delta) at 1mm Gap	AASHTO T315
294	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Shear Modulus (G*/Sin Delta) at 1mm Gap	AASHTO T315
295	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Shear Modulus (G*/Sin Delta) at 2mm Gap	AASHTO T315
296	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Softening Point - R&B	AASHTO T53
297	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Binder	Viscosity at 150°C	AASHTO T316
298	MECHANICAL- BUILDINGS MATERIALS	Performance Graded Asphalt Bitumen	Separation Test- R&B	ASTM D7173
299	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Rolling Thin Film Oven Test- [RTFOT]	IS 15799
300	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 8 mm Plate	AASHTO T315
301	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 8 mm Plate	ASTM D6521
302	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Thin Film Oven Test - [TFOT] & Rolling Thin Film Oven Test- [RTFOT]	IS 15799
303	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate - [RTFOT Residue]	Annex -B ,IS 15462
304	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate - [RTFOT Residue]	AASHTO T315
305	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/ HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 8 mm Plate	IS 15799

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306	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Complex Modulus (G*)- DSR with 1mm Gap & 25mm Plate	AASHTO T315
307	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Flash Point by COC	IS 1448 (Part 69)
308	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	MSCR Test by DSR: Jnr3.2 - [RTFOT Residue]	ASTM D7405
309	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Complex Modulus (G*)- DSR with 1mm Gap & 25mm Plate	IS 15462, Annex-B
310	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	FARRASS Breaking Point in °C	IS 9381
311	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Flash Point by COC	IS 1209
312	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	MSCR Test by DSR	ASTM D7405
313	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	MSCR Test by DSR	IS 15462
314	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	MSCR Test by DSR- Jnrdiff - [RTFOT Residue]	Annex - D, IS 15462
315	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	MSCR Test by DSR- Jnrdiff - [RTFOT Residue]	ASTM D7405
316	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	MSCR Test by DSR: Jnr3.2 - [RTFOT Residue]	Annex - D,IS 15462
317	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Pressurized Aging Vessel (PAV) Residue	IS 15462, Annex-F
318	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Rolling Thin Film Oven (RTFO) Test Residue	IS 15462 Annex-E
319	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Shear Modulus (G*/sin Delta) at 1mm Gap & 25 mm Plate	IS 15462, Annex-B
320	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Shear Modulus (G*/sin Delta) at 1mm Gap & 25 mm Plate	AASHTO T315
321	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Softening Point - (R&B)	IS 1205
322	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Viscosity at 150°C	ASTM D4402
323	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB 64-10/70-10/76-22/82-10/HiMA]	Elastic Recovery of HT at 15°C	Annex A, IS 15462
324	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB64-10/70-10/76-10/76-22/82-10/HiMA]	Phase Angle (Delta)- DSR at 1mm Gap & 25mm Plate	AASHTO T315

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325	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen [PMB64-10/70-10/76-10/76-22/82-10/HiMA]	Phase Angle (Delta)- DSR at 1mm Gap & 25mm Plate	IS 15462 ,Annex -B
326	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Complex Modulus (G*) - [RTFOT Residue] at 1mm Gap & 25mm Pate	AASHTO T315
327	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Phase Angle (Delta) - [RTFOT Residue] at 1mm Gap & 25mm Plate	AASHTO T315
328	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 8 mm Plate	IS 15799
329	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Complex Modulus (G*) - [RTFOT Residue] at 1mm Gap & 25mm Pate	Annex - B ,IS 15462
330	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Loss in Mass % -[RTFOT Residue]	IS 9382
331	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Phase Angle (Delta) - [RTFOT Residue] at 1mm Gap & 25mm Plate	Annex - B, IS 15462
332	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Rolling Thin Film Oven Test- [RTFOT]	IS 15799
333	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Rolling Thin Film Oven Test- [RTFOT]	ASTM D2872
334	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HiMA]	Separation Test - (R&B)	Annex C , IS 15462
335	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen[PMB 64-10/70-10/76-10/76-22/82-10/HIMA]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 8 mm Plate	Annex-C,IS 15462
336	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboard / Road Stud	Sign Board Sheet- RA Value	ASTM E1709
337	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboard / Road Stud	Sign Board Sheet- RA Value	ASTM E 810
338	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Abrasion Resistance Test- CIL (RL Value= RA x Area)	ASTM E808
339	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Color	ASTM E811
340	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Angle between face and base of RPM	ASTM D4280
341	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Area of Marker Surface	Specifications for Road and Bridge Works (MORTH)

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342	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Base of Marker -Type	ASTM D4280
343	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Color	ASTM D4280
344	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Compressive Strength	ASTM D4280
345	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Compressive Strength	Specifications for Road and Bridge Works (MORTH)
346	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Flatness - Base of Marker	ASTM D 4280
347	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Height of RPM	ASTM D4280
348	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Lens Impact Strength at 55°C	ASTM D4280
349	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Longitudinal Flexural Strength	ASTM D4280
350	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Retro-reflected color of the Marker- RPM	ASTM D4280
351	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Road Studs-CIL (RL Value= RA x Area)	ASTM E1709
352	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Road Studs-CIL (RL Value= RA x Area)	ASTM E808
353	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Sign Board Sheet- Chromaticity Coordinate (x,y)	Clause 6.2.4 ASTM D4280
354	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Sign Board Sheet- Chromaticity Coordinate (x,y)	Clause 7.4.1 ASTM D4956
355	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Type of Marker - RPM	ASTM D4280
356	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Signboards and Road Stud	Width of RPM	ASTM D 4280
357	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Singboards and Roads Stud	Abrasion Resistance Test- CIL (RL Value= RA x Area)	ASTM E1709
358	MECHANICAL- BUILDINGS MATERIALS	Retroreflective Singboards and Roads Stud	Abrasion Resistance Test- CIL (RL Value= RA x Area)	ASTM D4280
359	MECHANICAL- BUILDINGS MATERIALS	Rock Specimen	Abrasiveness using CERCHAR Method	ASTM D7625 (Withdrawn)
360	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Complex Modulus (G*)- DSR at 1mm Gap & 25mm Plate	AASHTO T315

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361	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Flash Point by COC	IS 1448 (Part 69)
362	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Loss in Mass in % [TFOT/RTFOT Residue]	ASTM D2872
363	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Phase Angle (Delta) at 1 mm Gap & 25mm Plate	AASHTO T315
364	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Phase Angle (Delta)- DSR at 1mm Gap & 25mm Plate	AASHTO T315
365	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	AASHTO T315
366	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Thin Film Oven Test - [TFOT] & Rolling Thin Film Oven Test- [RTFOT]	ASTM D2872
367	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Thin Film Oven Test - [TFOT] & Rolling Thin Film Oven Test- [RTFOT]	IS 15799
368	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Change in Softening Point (R&B) - [TFOT/RTFOT Residue]	IS 1205
369	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Complex Modulus (G*) at 1 mm Gap & 25 mm Plate	AASHTO T315
370	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Complex Modulus (G*) at 1 mm Gap & 25 mm Plate	Annex -B,IS 15462
371	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Complex Modulus (G*)- DSR at 1mm Gap & 25mm Plate	Annex B ,IS 17079
372	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Elastic Recovery of HT at 15°C	Annex A ,IS17079
373	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Elastic Recovery of HT at 25°C - [TFOT]	Annexure - A, IS 17079
374	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Flash Point by COC	IS 1209
375	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Loss in Mass in % [TFOT/RTFOT Residue]	IS 9382
376	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Loss in Mass in % [TFOT/RTFOT Residue]	IS 15799
377	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Phase Angle (Delta) at 1 mm Gap & 25mm Plate	Annex -B , IS 15462
378	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Phase Angle (Delta)- DSR at 1mm Gap & 25mm Plate	Annex B ,IS17079

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379	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Reduction in Penetration at 25°C - [TFOT/RTFOT Residue]	IS 1203
380	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Separation Test - (R&B)	IS 17079
381	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	Annex B,IS 17079
382	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	IS 15462
383	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Shear Modulus (G*/sin Delta) at 1 mm Gap & 25 mm Plate	AASHTO T315
384	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Thin Film Oven Test - [TFOT] & Rolling Thin Film Oven Test- [RTFOT]	IS 9283
385	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Viscosity at 150°C	ASTM D4402
386	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60/NRMB]	Viscosity at 150°C	IS 1206 (Part 2)
387	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60]	Penetration at 25°C	IS 1203
388	MECHANICAL- BUILDINGS MATERIALS	Rubber Modified Bitumen [CRMB-55/60]	Softening Point - (R&B)	IS 1205
389	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Binder Content	BS 3262 (Part 1)
390	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Gradation 1.18 mm to 150 micron	ASTM D1214
391	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Gradation 1.18 mm to 150 micron	BS 3262 (Part 1)
392	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Daylight Luminance at 45°C	AASHTO M249
393	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Road Marking- Qd Value	BS EN 1436
394	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Yellowness Index	AASHTO M249
395	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Yellowness Index	ASTM E2302
396	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Binder Contents	ASTM D4797

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397	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Daylight Luminance at 45°	ASTM E 2302
398	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Drying Time at 32°C	AASHTO M249
399	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Drying Time at 32°C	Specifications for Road and Bridge Works
400	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Flash Point- COC	ASTM D92
401	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Glass Beads - Constituents	ASTM D4797
402	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road marking Material [Hot Applied & Cold Applied]	Glass Beads - Constituents	BS 3262 (Part 1)
403	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads -Free Flow Test - 4 Hours	Specifications for Road and Bridge Works
404	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Refractive Index- [RI]	ASTM C1648
405	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Refractive Index- [RI]	BS 6088
406	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Roundness (Microscopic)	ASTM D1155
407	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Glass Beads- Roundness (Microscopic)	BS 6088
408	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Road Marking- Qd Value	ASTM E1710
409	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Specific Gravity	ASTM D792
410	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material [Hot Applied & Cold Applied]	Yellowness Index	ASTM E 313
411	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material- [Hot Applied & Cold Applied]	Flowability - Extended Heating	AASHTO T 250
412	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	CaCO3 & Inert Fillers	ASTM D 4797
413	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold applied]	Cracking Resistance Test	AASHTO T 250
414	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Road Marking-RL Value	ASTM E 1710
415	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Road Marking-RL Value	BS EN 1436

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416	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Skid Resistance Test	BS 6044
417	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Skid Resistance Test	BS EN 1436
418	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Softening Point-R & B	ASTM D 36
419	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material-[Hot Applied & Cold Applied]	Titanium Dioxide Constituents	ASTM D 4797
420	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	0.2 % Proof Strees	ASTM E8
421	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	0.2% Proof Stress	ASTM D638
422	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Elongation	ASTM D638
423	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Elongation at Break	ASTM E8
424	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Flexural Strength	ASTM C393
425	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Peel off Strength	ASTM D903
426	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Shear Strength- Punch Shear	ASTM D732
427	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Tensile Strength	ASTM D638
428	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Tensile Strength	ASTM E8/ E8M
429	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Thickness of ACM Sheet	ASTM D638
430	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Composite Panel	Thickness of Aluminium Skin-Micrometer	ASTM E8

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431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Elongation After Fracture	IS 1608 (Part 1)
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Lower Yield Stress	IS 1608 (Part 1)
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Proof Load Test	IS 1367(Part 3)
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Proof Load Test	IS 1608 (Part 1)
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Reduction of Area After Fracture	IS 1608 (Part 1)
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Rockwell Hardness Test (HRC)	IS 1586 (Part 1)
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Ultimate Tensile Strength- UTS	IS 1608 (Part 1)
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt [HSFG]	Zinc Phosphate Coating	IS 1367(Part 12)
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Rotation Test	IRC 83 (Part 4)
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Shear Modulus	ASTM D4014
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Tensile Strength	ISO 37
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Hardness (IRHD)	IS 3400 (Part 2)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Hardness (IRHD)	ISO 48-2

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445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric, Pot, Pot cum - PTFE , Pin Metallic Guide, Spherical & Cylindrical	Tensile Strength	IS 3400 (Part 1)
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings Elastomeric, Pot, Pot-cum-PTFE, Pin Metallic Guide, Spherical & Cylindrical	Accelerated Ageing	ISO 188
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings Elastomeric, Pot, Pot-cum-PTFE, Pin Metallic Guide, Spherical & Cylindrical	Compression Set Test	ISO 815-1
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings Elastomeric, Pot, Pot-cum-PTFE, Pin Metallic Guide, Spherical & Cylindrical	Elongation at Break	ISO 37
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings Elastomeric, Pot, Pot-cum-PTFE, Pin Metallic Guide, Spherical & Cylindrical	Elongation at Break	IS 3400 (Part 1)
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Brinell's Hardness (HBW)	IS 1500 (Part 1)
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Brinell's Hardness (HBW)	IS 1500 (Part 1)
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Compression Set Test at Low Temperature	IS 3400 (Part 10) : Sec 2
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Elongation at Break	ISO 37
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Friction Test	EN 1337-5
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Friction Test	IRC 83 (Part 4)
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Load Test - Horizontal	TFNSW QA Specification Clause 6.3.3 B293 Rev. 2 June
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Load Test - Vertical	TFNSW QA Specification Clause 6.3.2 B293 Rev. 2 June
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Load Test- Vertical/ Horizontal	EN 1337-5

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459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Load Test- Vertical/ Horizontal	IRC 83 (Part 4)
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Rotation Test	EN 1337-5
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Rotation Test	TFNSW QA Specification Clause 6.3.4 B293 Rev. 2 June
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Shear Modulus	EN 1337-3
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Stripping / Adhesion Strength-Bond Shear Strength	EN 1337-3
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Tear Strength	IS 3400 (Part 17)
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Tear Strength	ISO 34 (Part 1)
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Tensile Strength	ISO 37
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Ultimate Compressive Strength	EN 1337-3
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Ultimate Compressive Strength	IRC 83 (Part 2)
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Accelerated Ageing	IS 3400 (Part 4)
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Adhesion Test	IS 3400 (Part 14)
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Ash Content	IS 3400 (Part 22)
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Compression Set Test at Ambient Temperature	IS 3400 (Part 10) : Sec 1

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473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Density	IS 3400(Part 9)
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Elastic Modulus-Compression Stiffness	EN 1337-3
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Elastic Modulus-Compression Stiffness	IRC 83 (Part 2)
476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Elongation at Break	IS 3400 (Part 1)
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Friction Test	IRC 83 (Part 3)
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Friction Test at 15MPa/5Cycles	TFNSW QA Specification Clause 6.3.5 B293 Rev. 2 June
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Friction Test at 60MPa/5Cycles	TFNSW QA Specification Clause 6.3.5 B293 Rev. 2 June
480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Hardness (IRHD)	IS 3400 (Part 2)
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Hardness (IRHD)	ISO 48-2
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Load Test-Vertical / Horizontal	IRC 83 (Part 3)
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Rotation test	IRC 83 (Part 3)
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Stripping / Adhesion Strength-Bond Shear Strength	IRC 83 (Part 2)
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Tear Strength	IS 3400 (Part 12)
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Tensile Strength	IS 3400 (Part 1)

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487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings- Elastomeric, Pot,Pot -Cum-PTFE,Pin Metallic Guide ,Spherical & Cylindrical	Ultimate Compressive Strength	IRC 83 (Part 2)
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bridge Bearings-Elastomeric, Pot, Pot-cum-PTFE, Pin Metallic Guide,Spherical & Cylindrical	Shear Modulus	IRC 83 (Part 2)
489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Elastomeric Bearing	Compression Strain at Max. Load	Section 9.1, AASHTO M 251
490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Elastomeric Bearing	Compressive Stiffness	Annex A3, AASHTO M 251
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Elastomeric Bearing	Creep and Shear Bond Strength	Annex A2, AASHTO M 251
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Elastomeric Bearing	Shear Modulus	Annex A1, AASHTO M 251
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Elastomeric Bearing	Short Term Compressive Load at 1.5*DDL	Section 9.1, AASHTO M 251
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hydraulic Jack	Load Efficiency	IS 1343
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hydraulic Jack	Load Efficiency	IS 1828 (Part 1)
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hydraulic Jack	Load Efficiency	IS 4552 (Part 2)
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut [HSFG]	Proof Load Test	IS 1367 (Part 6)
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut [HSFG]	Proof Load Test	IS 1608 (Part 1)
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut [HSFG]	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut [HSFG]	Rockwell Hardness Test (HRC)	IS 1586 (Part 1)

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501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut [HSFG]	Zinc Phosphate Coating	IS 1367 (Part 12)
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire , Steel Rope	Reverse Bend	ISO 7801
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire , Steel Rope	Reverse Bend	IS 1716
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Breaking Strength	IS 14268, Clause- 6.2.3
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Breaking Strength	IS 9282
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Elongation	IS 14268
507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Proof Load	IS 14268, Clause 6.2.3
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Elongation	IS 1608 (Part 1)
509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands, Steel Wire, Steel Rope	Proof Laod	IS 1608 (Part 1)
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing - Strands,Steel Wire,Steel Rope	Breaking Strength	IS 1608 (Part 1)
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component- Anchor Head	Brinell's Hardness (HBW)	NHAI Quality Manual, Appendix-2
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component- Anchor Head	Brinell's Hardness (HBW)	NHAI Quality Manual, Appendix-2
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component- Anchor Head	Brinell's Hardness (HBW)	IS 1500 (Part 1)
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component- Anchor Head	Brinell's Hardness (HBW)	IS 1500 (Part 1)

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515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component- Anchor Head	Dimensions	NHAI Quality Manual, Appendix-2
516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component-Wedges	Dimensions	NHAI Quality Manual, Appendix-2
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component-Wedges	Vickers Hardness (HV)	IS 1501 (Part 1)
518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing Component-Wedges	Vickers Hardness (HV)	NHAI Quality Manual, Appendix-2
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands ,Steel Wire , Steel Rope	Dimensions - diameter	IS 14268, Annex A-2
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands, Steel Wire, Steel Rope	Galvanized (Zinc- Coating)	IS 6745
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands, Steel Wire, Steel Rope	Lay Length- Carbon Imprint	IS 14268, Annex A-2
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands,Steel Wire,Steel Rope	Load Test on Anchorage-Relaxation Test-100H/1000H	BS EN 5896
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands,Steel Wire,Steel Rope	Load Test on Anchorage-Relaxation Test-100H/1000H	IS 14268, Clause- 6.2.4
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands,Steel Wire,Steel Rope	Diameter of Central Wire	IS 14268 Annex A-3
525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands,Steel Wire,Steel Rope	Load Test on Anchorage-Relaxation Test-100H/1000H	DIN EN 10138-3
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing- Strands,Steel Wire,SteelRope	Mass per Unit	IS 14268 Annex B-2
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing-Strands,Steel Wire,Steel Rope	Dia of Outer Wire	IS 14268 Annex A-3
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing-Strands,Steel Wire,Steel Rope	Cross Sectional Area - Metallic Area	IS 14268 Annex B-1

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529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Component - Anchor Cone	Dimensions	NHAI Quality manual ,Appendix - 2
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Component - Wedges	Vickers Hardness (HV)	IS 1501(Part 1)
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Component - Wedges	Vickers Hardness (HV)	NHAI Quality Manual , Appendix - 2
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Anchorage Load Transfer Test	Clause 4.2.1, EN 13391
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Anchorage Load Transfer Test	Clause 4.2.3, EN 13391
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Anchorage Load Transfer Test	Clause 5, BS 4447
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Anchorage Load Transfer Test	Clause 7, BS 4447
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Friction Coefficient (μ)	Clause 3.2.6, fib Bulletin 75
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Friction Coefficient (μ)	Clause 7.9.3.2 IRC 112
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Friction Coefficient (μ)	U.S.D.O.T FHWA-NHI-13-026
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	wobble Coefficient (K)	Clause 7.9.3.2 IRC 112
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Wobble Coefficient (K)	U.S.D.O.T FHWA-NHI-13-026
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prestressing Components	Wobble Coefficient (K)	Clause 3.2.6, fib Bulletin 75
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Bend Test	IS 1599

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543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Dimensions- Cross Sectional Area	IS 1786 Clause 6.3
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Mass per Meter	IS 1786 Clause 7.1
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Percentage Elongation	IS 1608 (Part 1)
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Pull-out Test	IS 2770 (Part 1)
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Re-bend Test	IS 1786
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Tensile Strength	IS 1608 (Part 1)
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Yield Stress	IS 1608 (Part 1)
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Dimensions	Annex A1 fib Bulletin 7
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Bond Behaviour	Annexure A.10, fib Bulletin 75
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Bond Strength Test	Annex A8 fib Bulletin 7
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Bond Strength Test	Cl. 1,App. 1B, IRC 18
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Bond Test	Annexure B-4.1.1, IS 1343
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Compression Test	Annex A7 fib Bulletin 7: 2000
556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Compression Test	Annexure B-4.2 IS 1343

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557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Compression Test	Cl. 2, App. 1B , IRC 18
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Concrete Pressure	Annexure A.7, fib Bulletin 75
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Density	ASTM D1505
560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Dimensions	IRC 18
561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Dimensions - ID	Annexure A.1, fib Bulletin 75
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Dimensions - OD	Annexure A.1, fib Bulletin 75
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Dimensions - Wall Thickness	Annexure A.1, fib Bulletin 75
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	EIT Performance of Anchorage Duct Assembly	Annexure B.3, fib Bulletin 75
565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	EIT Performance Test of Duct Assembly	Annexure B.2, fib Bulletin 75
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Flexibility	Annexure A.5, fib Bulletin 75
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Full Scale Duct System Assembly	Annexure B.4, fib Bulletin 75
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Lateral Load Resistance	Annexure A.4, fib Bulletin 75
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Leak Tightness	Annexure A.6, fib Bulletin 75
570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Leak Tightness of Anchorage Duct Assembly	Annexure B.1, fib Bulletin 75

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571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Leak Tightness of Assembled Duct System	Annexure B.5, fib Bulletin 75
572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Longitudinal Load Resistance	Annexure A.3, fib Bulletin 75
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Melt Flow Rate at 190°C	ASTM D1238
574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Precast Segment of Duct Coupler System	Annexure A.11, fib Bulletin 75
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Radial Stiffness Rigidity	ASTM D 2412
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Rodent Repellency Test	GR No. TEC/GR/FA/DWC-034/02.Aug
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Rodent Repellency Test	TEC GR No. GR / DWC-34 / 01 Sep
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Rodent Repellency Tests	Annexure G, RDSO / SPN / 204
579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Stiffness	Annexure A.2, fib Bulletin 75
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Tension Load Test	Annex A5 fib Bulletin 7
581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Tension Load Test	Annexure A-5 Clause 1.3 IRC 112
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Tension Load Test	Annexure B-3.3 IS 1343
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Tension Load Test	App. 1800 / I Test C MORTH Specs
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Tension Load Test	IRC 18

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585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Transverse Load Rating	Annex A4 fib Bulletin 7
586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Transverse Load Rating	App .1800 / I Test B MORTH Specs.
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Transverse Load Rating	IRC 18
588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Transverse Load Rating Test	Annexure B-3.2 IS 1343
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Transverse Load Test	Annexure A-5 Clause 1.2 IRC 112
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Water Loss Test	Annex A6 fib Bulletin 7
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Water Loss Test	Annexure A-5 Clause 1.4 IRC 112
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Water Loss Test	Annexure B-3.4 IS1343
593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Water Loss Test	App.1800 / I Test D MORTH Specs.
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Water Loss Test	IRC 18
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Wear Resistance	Annexure A.8, fib Bulletin 75
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Wear Resistance under Sustained Load	Annexure A.9, fib Bulletin 75
597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Workability Test	Annex A3 fib Bulletin 7
598	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Workability Test	Annexure A-5 Clause 1.1 IRC 112

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599	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Workability Test	Annexure B-3.1 IS 1343
600	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Workability Test	App 1800 / I Test A MORTH Specs.
601	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Sheathing Ducts-GI Sheet HDPE / PP ,DWC & Void Formers	Workability Test	IRC 18
602	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Srtuctural Steel, Metal Beam Crash Barriers & Weldment Steel	Percentage Elongation	IS 1608 (Part 1)
603	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipe	Flattening Test	IS 2328
604	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Bend Test	IS 1599
605	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Dimension - Diameter	IS 1148 Clause - 9.1
606	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Galvanization Thickness / Mass of Coating	IS 6745
607	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Head Soundness Test	IS 1148
608	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Hot Compression / Dump Test	IS 1148
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Percentage Elongation	IS 1608 (Part 1)
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Reduction in Area	IS 1608 (Part 1)
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Rockwell Hardness (HRC)	IS 1586 (Part 1)

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613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Shear Test Rivets / Bars	IS 5242
614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Tensile Strength	IS 1608 (Part 1)
615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Rivets	Yield Stress	IS 1608 (Part 1)
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strip Seal Expansion Joint	Cyclic Motion	Clause 8.3.2.1, IRC:SP:69
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strip Seal Expansion Joint	Debris Expelling Test	Clause 8.3.2.3, IRC:SP:69
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strip Seal Expansion Joint	Ponding	Clause 8.3.2.2, IRC:SP:69
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strip Seal Expansion Joint	Pull-out Test	Clause 8.3.2.4, IRC:SP:69
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel , Metal Beam Crash Barriers & Weldment Steel	Bend Test- Face & Root	ASME BPVC IX -QW 160
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel , Metal Beam Crash Barriers & Weldment Steel	Bend Test-Face & Root	API 1104-CL-5.6.425.65
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel , Metal Beam Crash Barriers & Weldment Steel	Vickers Hardness (HV)	IS 1501 (Part 1)
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel , Metal Beam Crash Barriers & Weldment Steel	Vickers Hardness (HV)	IS 1501 (Part 1)
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Dimensions Thickness	IS 2062, Clause 15
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Anodized Thickness	IS 5523
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Bend Test	IS 1599

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627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Dimension - Cross sectional Area	IS 2062 Clause 15
628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Galvanization Thickness / Mass of Coating	IS 6745
629	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Hardness (HV)	API 1104 CL. B.2.4.4.3
630	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Hardness (HV)	API 1104 CL. B.2.4.4.3
631	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Hardness (HV)	ASME BPVC IX- QW 290.5
632	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Hardness (HV)	ASME BPVC IX, QW 290.5
633	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Mass per Meter	IS 2062 Clause - 18
634	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Nick Break	API 1104 CL. 5.6.3
635	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Nick Break	ASME BPVC IX, QW 172
636	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel ,Metal Beam Crash Barriers & Weldment Steel	Rockwell Hardness (HRC)	IS 1586 (Part 1)
637	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Tensile Strength	ASME BPVC IX, QW 150
638	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Tensile Strength	IS 1608
639	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Transverse load Test	Cl. 10.2.2.1, RDSO Manual for Flash Butt Welding
640	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel ,Metal Beam Crash Barriers & Weldment Steel	Yield Stress	IS 1608 (Part 1)

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641	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Metal Beam Crash Barriers & Weldment Steel	Hardness - Rockwell (HRBW)	IS 1586(Part 1)
642	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Metal Beam Crash Barriers & Weldment Steel	Impact Test- Charpy	API 1104 CL. A.2
643	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Metal Beam Crash Barriers & Weldment Steel	Impact Test- Charpy	ASME BPVC IX, QW 171
644	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Metal Beam Crash Barriers & Weldment Steel	Reduction in Area	IS 1608 (Part 1)
645	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel,Metal Beam Crash Barriers& Weldment Steel	Impact Test - Charpy (V - Notch)	IS 1757 (Part 1)
646	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Bend Test at 180º	IS 1599
647	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Diameter of Shear Connector- d1	IS 1608 (Part 1)
648	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Elongation- A5	IS 1608 (Part 1)
649	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Head Diameter of Shear Connector- d5	IS 1608 (Part 1)
650	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Height of Head on Shear Connector- h3	IS 1608 (Part 1)
651	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Overall Height of Shear Connector- l1	IS 1608 (Part 1)
652	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Shape/ Type of Tip A/B	IS 1608(Part 1)
653	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Shear Strength	IS 5242
654	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Surface Hardness- Rockwell (HRBW)	IS 1586 (Part 1)

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655	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Surface Hardness- Rockwell (HRC)	IS 1586 (Part 1)
656	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Tensile Strength	IS 1608 (Part 1)
657	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stud Shear Connector	Yield Strength	IS 1608 (Part 1)
658	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Washer [HSFG]	Hardness - Rockwell	IS 1586 (Part 1)
659	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Washer [HSFG]	Hardness - Rockwell (HRC)	IS 1586 (Part 1)
660	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Washer [HSFG]	Zinc Phosphate Coating	IS 1367 (Part 12)
661	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipe	Hydrostatic Resistance Test at 27°C	Annexure E, Clause 8.1 & E-4.3 Table-5, IS 4984
662	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipe	Hydrostatic Resistance Test at 80°C	Annexure E, Clause 8.1 & E-4.3 Table-5, IS 4984
663	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Aperture Size & Number of Ribs per Meter	IS 10319, Clause 9.1
664	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Apparent Opening Size	ASTM D4751
665	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Carbon Black Content	ASTM D1603
666	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Grab Elongation at Failure	ASTM D4632
667	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Grab Tensile Strength	ASTM D4632
668	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Index Puncture Resistance	ASTM D4833
669	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Junction Strength - Efficiency	ASTM D7737
670	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Load at 2% Strain	ASTM D6637-15
671	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Load at 2% Strain	ISO 10319

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672	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Load at 5% Strain	ASTM D6637
673	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Load at 5% Strain	ISO 10319
674	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Mass per Square Meter	ASTM D5261
675	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Mass per Square Meter	ISO 9864
676	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Melt Flow Index	ASTM D1238
677	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Nominal Thickness at Specified Pressures	ASTM D5199
678	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Nominal Thickness at Specified Pressures	EN ISO 9863-1
679	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Permittivity- Water	ASTM D4491
680	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Permittivity- Water	ISO 12958 (Part-1)
681	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Puncture Strength (CBR)	ASTM D6241
682	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Puncture Strength (CBR)	EN ISO 12236
683	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Tensile Strength - Wide Width & Single Rib	ISO 10319
684	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Tensile Strength - Wide Width & Single Rib	ASTM D6637
685	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Tensile Strength (Strip Test)	ASTM D5035
686	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Trapezoidal Tear Strength	ASTM D4533
687	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Wide Width Tensile Strength	ASTM D4595
688	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric Products	Wide Width Tensile Strength	ISO 10319
689	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Density	IS 13360 (Part 3/ Sec 1)
690	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Hydrostatic Pressure Test at 27 °C for 1 Hour	IS 12235 (Part 8 / Sec 1)

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691	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Outside Diameter -OD	IS 12235 (Part 1)
692	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Resistance to External Blows at 0 °C	Annex C, IS 4985
693	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Reversion Test	IS 12235 (Part 5/ Sec 1)
694	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Sulphated Ash Content	Annex-B IS 4985
695	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Vicat Softening Point	IS 6307
696	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Visual Appearance	Clause 10.1, IS 4985
697	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Pipe	Wall Thickness	IS 12235 (Part 2)
698	MECHANICAL- SOIL AND ROCK	Soil	Consolidation- 3 Cell	IS 2720 (Part 15)
699	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test UU/UD/CD [Box size: 60mm x 60 mm)	IS 2720 (Part 13)
700	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Core Cutter Method	IS 2720 (Part 29)
701	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
702	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis - Wet (0.001 to 4.75 mm)	IS 2720 (Part 4)
703	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
704	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
705	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
706	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
707	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Test	IS 2720 (Part 11 & 12)
708	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
709	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 (Part 2)

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710	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash ,GSB , WMM , CTSB ,RAP ,Blanket)	California Bearing Ratio	IS 2720 (Part 16)
711	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash ,GSB, WMM , CTSB ,RAP ,Blanket)	California Bearing Ratio	AASHTO T 193
712	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash ,GSB ,WBM ,WMM , CTSB, RAP, Blanket)	Coefficient of Interface Friction with Geo-Synthetic [Box size: 60mm x 60mm and 300mm x 300mm]	Specifications for Road and Bridge Works (MORTH)
713	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash ,GSB, WMM , CTSB, RAP, Blanket)	Light Compaction	IS 2720 (Part 7)
714	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash ,GSB, WMM ,CTSB , RAP , Blanket)	Heavy Compaction	IS 2720 (Part 8)
715	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket)	Coefficient of Interface Friction with Geo-Synthetic [Box size: 60mm x 60mm and 300mm x 300mm]	ASTM D5321
716	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket)	Coefficient of Interface Friction with Geo-Synthetic [Box size: 60mm x 60mm and 300mm x 300mm]	IS 13326 (Part 1)
717	MECHANICAL- SOIL AND ROCK	Soil (Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket)	Direct Shear Test UU/UD/CD [Box size:300mm x 300mm]	IS 2720 (Part 39/Sec 1)
718	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Soil Resistivity Test	AASHTO T 288
719	MECHANICAL- SOIL AND ROCK	Soil [Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Dry Density by Sand Replacement Method	IS 2720 (Part 28)
720	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Elastic Modulus - EV2 Value (Site Test)	DIN 18134
721	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Elastic Modulus - EV2 Value (Site Test)	RDSO GE-14
722	MECHANICAL- SOIL AND ROCK	Soil [Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Horizontal Permeability	BS EN 12697 (Part 19)
723	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Modulus of Subgrade Reaction - K Value	IS 9214
724	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Permeability	IS 2720 (Part 36)
725	MECHANICAL- SOIL AND ROCK	Soil [Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Permeability- Constant & Falling Head	IS 2720 (Part 17)
726	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Plate Load Test	IS 1888

SCOPE OF ACCREDITATION

Laboratory Name : ANULAB INDUSTRIAL TESTING &ANALYTICAL LABORATORIES, 212 KM MILESTONE, NH-2, AGRA KANPUR ROAD, NAGLA RAMBAKSH, ETMADPUR, AGRA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7072 **Page No** 44 of 44

Validity 16/03/2022 to 15/03/2024 **Last Amended on** 11/10/2022

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
727	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Pull Out Coefficient- Large Shear Box [Box Size: 1m x 1m]	ASTM D6706
728	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Pull out Coefficient- Large Shear Box [Box Size: 1m x 1m]	Specifications for Road and Bridge Works
729	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Soil Resistivity Test	ASTM G57
730	MECHANICAL- SOIL AND ROCK	Soil [Fly ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Soil Resistivity Test	IS 3043
731	MECHANICAL- SOIL AND ROCK	Soil [Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Unconfined Compressive Strength of stabilised soils	IS 4332 (Part 5)
732	MECHANICAL- SOIL AND ROCK	Soil- [Fly Ash, GSB, WBM, WMM, CTSB, RAP, Blanket]	Direct Shear Test UU/UD/CD [Box size 300mm x 300mm]	IS 2720 (Part 39/ Sec 1)
733	MECHANICAL- SOIL AND ROCK	Soils	Direct Shear Test UU/UD/CD [Box size: 60mm x 60mm]	IS 2720 (Part 13)
734	MECHANICAL- SOIL AND ROCK	Soils	Relative Density of Cohesionless Soils	IS 2720 (Part 14)