



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	STAR WIRE (INDIA) LIMITED, TESTING DIVISION, 21/4, MATHURA ROAD, BALLABGARH, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5164	Page No	1 of 69
Validity	10/03/2024 to 09/03/2026	Last Amended on	04/04/2024

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- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (Part 22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	IS 5182 Part 26
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	ASTM D5156 (02)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter 10	IS 5182 Part 23
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter 2.5	IS 5182 Part 24
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO ₂	IS 5182 Part 2 Sec I
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter	IS 5182 (Part 4)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide as CO	IS 5182 Part 10
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide as NO ₂	IS 5182 (Part 6)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxidants (as O ₃)	IS 5182 Part 9
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	IS 13270
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen	IS 11255 (Part 7)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 (Part 1)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part 2)
16	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO ₂)	IS 1727
17	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
18	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925



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19	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
20	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS 9103
21	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS 9103
22	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali aggregate reactivity - Dissolved silica	IS 2386 (Part 7)
23	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali aggregate reactivity - Reduction in alkalinity	IS 2386 (Part 7)
24	CHEMICAL- BUILDING MATERIAL	Aggregate	Chloride (Acid / water soluble)	BSEN 1744 (Part 5)
25	CHEMICAL- BUILDING MATERIAL	Aggregate	Sulphate (Acid / water soluble)	BSEN 1744 (Part 1)
26	CHEMICAL- BUILDING MATERIAL	Bitumen	Absolute Viscosity @ 60 °C	IS 1206 Part 2
27	CHEMICAL- BUILDING MATERIAL	Bitumen	Change in Mass	IS 9382
28	CHEMICAL- BUILDING MATERIAL	Bitumen	Flash Point (COC)	IS 1209
29	CHEMICAL- BUILDING MATERIAL	Bitumen	Flash Point (COC)	IS 1448 Part 69
30	CHEMICAL- BUILDING MATERIAL	Bitumen	K. Viscosity @ 135 °C	IS 1206 (Part 3)
31	CHEMICAL- BUILDING MATERIAL	Bitumen	Loss on Heating	IS 1212
32	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloro Ethylene (TCE)	IS 1216
33	CHEMICAL- BUILDING MATERIAL	Bitumen	Viscosity Ratio	IS 1206 Part 2
34	CHEMICAL- BUILDING MATERIAL	Cement	Alumina (Al ₂ O ₃)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide (CaO) / Lime (CaO)	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement	Chloride (Cl)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble residue	IS 4032



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38	CHEMICAL- BUILDING MATERIAL	Cement	Iron Oxide (Fe ₂ O ₃)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement	Loss on ignition	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide (MgO) / Magnesia (Mgo)	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement	Ratio of % Alumina to % of Iron Oxide	IS 269
42	CHEMICAL- BUILDING MATERIAL	Cement	Ratio of % of Lime to % of Silica, Alumina and Iron Oxide	IS 269
43	CHEMICAL- BUILDING MATERIAL	Cement	Silica (SiO ₂)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride (SO ₃)	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Cement	Tricalcium Aluminate (C ₃ A)	IS 269
46	CHEMICAL- BUILDING MATERIAL	Cement	Tricalcium Silicate (C ₃ S)	IS 269
47	CHEMICAL- BUILDING MATERIAL	Cement PSC	Sulphide sulphur (S)	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Concrete (Dried)	Chloride (Acid / water soluble)	BS 1881 (Part 124)
49	CHEMICAL- BUILDING MATERIAL	Concrete (Dried)	Chloride (Water/Acid Soluble)	IS 14959 Part 2
50	CHEMICAL- BUILDING MATERIAL	Concrete (Dried)	Sulphate (Acid / water soluble)	BS 1881 (Part 124)
51	CHEMICAL- BUILDING MATERIAL	Concrete Structure (Cylindrical Core)	Rapid Chloride Permeability Test	ASTM C1202
52	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al ₂ O ₃)	IS 1727
53	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available Alkalies as Sodium Oxide (Na ₂ O)	IS 3812 Part 1
54	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide (CaO)	IS 1727
55	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride (Cl)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Fly Ash	Combined Iron Oxide and Alumina	IS 3812 Part 1



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57	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe ₂ O ₃)	IS 1727
58	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
59	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide (MgO) / Magnesia (Mgo)	IS 1727
60	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica+Alumina+Iron Oxide	IS 3812 Part 1
61	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO ₃) / Sulphur trioxide (SO ₃)	IS 1727
62	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Alumina (Al ₂ O ₃)	IS 1527
63	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Calcium Oxide (CaO)	IS 1527
64	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Iron Oxide (Fe ₂ O ₃)	IS 1527
65	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Loss on Ignition	IS 1527
66	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Magnesium Oxide (MgO)	IS 1527
67	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Silica (SiO ₂)	IS 1527
68	CHEMICAL- BUILDING MATERIAL	High Silica Refractory Material	Titanium Oxide (TiO ₂) / Titania (TiO ₂)	IS 1527
69	CHEMICAL- BUILDING MATERIAL	Sand	Alkali aggregate reactivity - Dissolved silica	IS 2386 (Part 7)
70	CHEMICAL- BUILDING MATERIAL	Sand	Alkali aggregate reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
71	CHEMICAL- BUILDING MATERIAL	Sand	Chloride (Acid / water soluble)	BSEN 1744 (Part 5)
72	CHEMICAL- BUILDING MATERIAL	Sand	Sulphate (Acid / water soluble)	BSEN 1744 (Part 1)
73	CHEMICAL- BUILDING MATERIAL	Soil	Chloride	BSEN 1744 (Part 5):
74	CHEMICAL- BUILDING MATERIAL	Soil	Organic Matter	IS 2720 Part 22
75	CHEMICAL- BUILDING MATERIAL	Soil	pH Value	IS 2720 (Part 26)



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76	CHEMICAL- BUILDING MATERIAL	Soil	Total soluble sulphate	IS 2720 (Part 27)
77	CHEMICAL- CORROSION TESTS	Metallic Materials (Electroplated and Anodized Coatings)	Neutral Salt Spray Test (NSS)	IS 9844
78	CHEMICAL- CORROSION TESTS	Metallic Materials (With or Without Coatings)	Neutral Salt Spray Test (NSS)	ASTM B 117
79	CHEMICAL- CORROSION TESTS	Metallic Materials (With or Without Coatings)	Neutral Salt Spray Test (NSS)	ISO 9227
80	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminized Materials	Mass of Aluminium coating	IS 3821
81	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Anodized Materials	Anodizing coating thickness	IS 5523
82	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Electroplated Materials	Plating / Coating Thickness of Cr, Ni, Cu & Zn	ISO 2177
83	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Electroplated Materials	Plating / Coating Thickness of Cr, Ni, Cu & Zn	ASTM B 504
84	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Electroplated Materials	Plating / Coating Thickness of Cr, Ni, Cu & Zn	IS 14126
85	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc Alloy Coating	ASTM A90/A90M
86	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc Alloy Coating (Both side)	ASTM A90/A90M
87	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc coating	IS 6745
88	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc coating (Both Side)	IS 6745
89	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc Coating (Single spot test)	IS 6745
90	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Mass of Zinc Coating (Triple Spot Test)	IS 6745



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91	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Materials	Zinc Coating Thickness	ASTM A123/A123M
92	CHEMICAL- METALS & ALLOYS	Cast iron	Carbon	IS 12308 (Part 11)
93	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E 1251
94	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E 1251
95	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E 1251
96	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E 1251
97	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E 1251
98	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E 1251
99	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E 1251
100	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E 1251
101	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E 1251
102	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E 1251
103	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E 1251
104	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Chromium	ASTM E34
105	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Copper	ASTM E34
106	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Iron	ASTM E34
107	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Lead	ASTM E34
108	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Magnesium	ASTM E34



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109	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Manganese	ASTM E34
110	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Nickel	ASTM E34
111	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Silicon	ASTM E34
112	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Tin	ASTM E34
113	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Titanium	ASTM E34
114	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zinc	ASTM E34
115	CHEMICAL- METALS & ALLOYS	Cast iron	Chromium	ASTM E351
116	CHEMICAL- METALS & ALLOYS	Cast iron	Chromium	IS 12308 (Part 8)
117	CHEMICAL- METALS & ALLOYS	Cast iron	Copper	IS 12308 (Part 12) / AAS
118	CHEMICAL- METALS & ALLOYS	Cast iron	Lead	ASTM E351
119	CHEMICAL- METALS & ALLOYS	Cast iron	Magnesium	ASTM E351
120	CHEMICAL- METALS & ALLOYS	Cast iron	Magnesium	IS 12308 (Part 13) / AAS
121	CHEMICAL- METALS & ALLOYS	Cast iron	Manganese	ASTM E351
122	CHEMICAL- METALS & ALLOYS	Cast iron	Manganese	IS 12308 (Part 10)
123	CHEMICAL- METALS & ALLOYS	Cast iron	Molybdenum	IS 12308 (Part 9)/ AAS
124	CHEMICAL- METALS & ALLOYS	Cast iron	Nickel	ASTM E351 / AAS
125	CHEMICAL- METALS & ALLOYS	Cast iron	Nickel	IS 12308 (Part 7) / AAS
126	CHEMICAL- METALS & ALLOYS	Cast iron	Phosphorus	IS 12308 (Part 5)
127	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351



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128	CHEMICAL- METALS & ALLOYS	Cast iron	Silicon	IS 12308 (Part 6)
129	CHEMICAL- METALS & ALLOYS	Cast iron	Sulphur	SWTD/WI/F/02
130	CHEMICAL- METALS & ALLOYS	Cast iron	Tin	ASTM E351 / AAS
131	CHEMICAL- METALS & ALLOYS	Cast iron	Titanium	IS 12308 (Part 14)/AAS
132	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	IS 4027 (Part-9)
133	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
134	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	IS 4027 (Part 7) / AAS
136	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
137	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	IS 440/AAS
139	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	ASTM E56 / AAS
140	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	ASTM E 118 / AAS
141	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
142	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 3685 / AAS
143	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 4027 (Part 1) / AAS
144	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440 / AAS
145	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Graphite carbon	IS 12548
146	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079



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147	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 4027 (Part 8) / AAS
148	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 440 / AAS
149	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
150	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 3685 / AAS
151	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 4027 (Part 1) / AAS
152	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
153	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	IS 4027 Part 2/AAS
154	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Molybdenum	IS 4027 (Part 7) / AAS
155	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Molybdenum Disulfide (MoS ₂)	IS 4027 Part 7/AAS
156	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
157	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 3685/ AAS
158	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 440 / AAS
159	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
160	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 3685
161	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 4027 (Part 3)
162	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 440
163	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
164	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	IS 3685
165	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	IS 4027 Part 10



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166	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	ASTM E 56 / AAS
167	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
168	CHEMICAL- METALS & ALLOYS	Copper & its alloys	TIN	BS EN 15079
169	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	IS 4027 (Part 5) / AAS
170	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	IS 440 / AAS
171	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	SWTD/WI/NF/01
172	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
173	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	IS 3685 / AAS
174	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	IS 4027 Part 6 / AAS
175	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Chromium	IS 13452
176	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Phosphorus	IS 13452
177	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Silicon	IS 13452
178	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese	IS 1559
179	CHEMICAL- METALS & ALLOYS	Ferro Molybdenum	Molybdenum	IS 12614 (Part 1)
180	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon	IS 1559
181	CHEMICAL- METALS & ALLOYS	Ferro Silicon	Silicon	IS 1559 (Part 1)
182	CHEMICAL- METALS & ALLOYS	Ferro Titanium	Titanium	IS 13840
183	CHEMICAL- METALS & ALLOYS	Ferro Vanadium	Vanadium	IS 1559
184	CHEMICAL- METALS & ALLOYS	Ferrous/Non Ferrous Materials	Cadmium	SWTD/WI/CHEM/01



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185	CHEMICAL- METALS & ALLOYS	Ferrous/Non Ferrous Materials	Hexavalent Chromium	SWTD/WI/CHEM/01
186	CHEMICAL- METALS & ALLOYS	Ferrous/Non Ferrous Materials	Lead	SWTD/WI/CHEM/01
187	CHEMICAL- METALS & ALLOYS	Ferrous/Non Ferrous Materials	Mercury	SWTD/WI/CHEM/01
188	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Nickel	ASTM E352
189	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Carbon	IS 228 (Part 1)
190	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Chromium	ASTM E352
191	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Manganese	ASTM E352
192	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Molybdenum	ASTM E352
193	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Phosphorus	ASTM E352
194	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Silicon	ASTM E352
195	CHEMICAL- METALS & ALLOYS	High Carbon High Chrome (HCHCR) Steel	Sulphur	IS 228 (Part 9)
196	CHEMICAL- METALS & ALLOYS	Iron ore	Phosphorus	IS 1493 (Part 1)
197	CHEMICAL- METALS & ALLOYS	Iron ore	Silicon	IS 1493 (Part 1)
198	CHEMICAL- METALS & ALLOYS	Iron ore	Total iron	IS 1493 (Part 1)
199	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Aluminum	IS 1409 / AAS
200	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Antimony	IS 403 / AAS
201	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Bismuth	IS 1409 / AAS
202	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloys	Bismuth	SWTD/WI/NF/02
203	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Cadmium	IS 1409 / AAS



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204	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Cobalt	IS 1409 / AAS
205	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Copper	IS 1409 / AAS
206	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Iron	IS 1409 / AAS
207	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Lead	IS 1409
208	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloys	Lead	SWTD/WI/NF/02
209	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Manganese	IS 1409 / AAS
210	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Nickel	IS 1409 / AAS
211	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Silver	IS 1409 / AAS
212	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Tin	IS 1409 / AAS
213	CHEMICAL- METALS & ALLOYS	Lead & Lead Alloys	Tin	SWTD/WI/NF/02
214	CHEMICAL- METALS & ALLOYS	Lead & Lead alloys	Zinc	IS 1409 / AAS
215	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminum	ASTM E350 / AAS
216	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon	IS 228 (Part 1)
217	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium	ASTM E350
218	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium	IS 228 (Part 6)
219	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E350/AAS
220	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper	IS 228 (Part 15) / AAS
221	CHEMICAL- METALS & ALLOYS	Low alloy steel	Lead	ASTM E350 / AAS
222	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese	ASTM E350



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223	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese	IS 228 (Part 2)
224	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum	ASTM E350/AAS
225	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 228 Part 7
226	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel	ASTM E350
227	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel	IS 228 (Part 5)
228	CHEMICAL- METALS & ALLOYS	Low alloy steel	Phosphorus	IS 228 (Part 3)
229	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E350
230	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon	IS 228 (Part 8)
231	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphur	IS 228 (Part 9)
232	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	ASTM E350 / AAS
233	CHEMICAL- METALS & ALLOYS	Low alloy steel	Vanadium	ASTM E350 / AAS
234	CHEMICAL- METALS & ALLOYS	Metallic Manganese	Manganese	IS 2017
235	CHEMICAL- METALS & ALLOYS	Metallic Silicon	Silicon	IS 2277
236	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Sulphur	ASTM E3047
237	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Chromium	ASTM E3047
238	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Cobalt	ASTM E3047
239	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Copper	ASTM E3047
240	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Iron	ASTM E3047
241	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Magnesium	ASTM E3047



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242	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Manganese	ASTM E3047
243	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Molybdenum	ASTM E3047
244	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Oxygen	ASTM E1019
245	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Phosphorous	ASTM E3047
246	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Silicon	ASTM E3047
247	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Sulphur	ASTM E1019
248	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Nitrogen	ASTM E1019
249	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Tantalum	ASTM E3047
250	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Tin	ASTM E3047
251	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Titanium	ASTM E3047
252	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Tungsten	ASTM E3047
253	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Vanadium	ASTM E3047
254	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Zirconium	ASTM E3047
255	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Aluminium	ASTM E3047
256	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Boron	ASTM E3047
257	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Carbon	ASTM E1019
258	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Base alloys	Carbon	ASTM E3047
259	CHEMICAL- METALS & ALLOYS	Nickel & Nickel base Alloys	Niobium	ASTM E3047
260	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Aluminum	ASTM E350/ AAS



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261	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Carbon	IS 228 (Part 1)
262	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Chromium	ASTM E350
263	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Chromium	IS 228 (Part 6)
264	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Copper	ASTM E350/AAS
265	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Copper	IS 228 (Part 15)/AAS
266	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Lead	ASTM E350 / AAS
267	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Manganese	ASTM E350
268	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Manganese	IS 228 (Part 2)
269	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel	Molybdenum	ASTM E350/AAS
270	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Molybdenum	IS 228 (Part 7)
271	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Nickel	ASTM E350
272	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Nickel	IS 228 (Part 5)
273	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Phosphorus	IS 228 (Part 3)
274	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Silicon	IS 228 (Part 8)
275	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Sulphur	IS 228 (Part 9)
276	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Tin	ASTM E350 / AAS
277	CHEMICAL- METALS & ALLOYS	Plain carbon steel	Vanadium	ASTM E350 / AAS
278	CHEMICAL- METALS & ALLOYS	Reinforcement Steel	Carbon Equivalent (CE)	IS 1786
279	CHEMICAL- METALS & ALLOYS	Reinforcement Steel	Phosphorus + Sulpher	IS 1786



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280	CHEMICAL- METALS & ALLOYS	SG Iron	Chromium	ASTM E351
281	CHEMICAL- METALS & ALLOYS	SG Iron	Chromium	IS 12308 (Part 8)
282	CHEMICAL- METALS & ALLOYS	SG Iron	Copper	Is 12308 (Part 12) / AAS
283	CHEMICAL- METALS & ALLOYS	SG Iron	Magnesium	ASTM E351 / AAS
284	CHEMICAL- METALS & ALLOYS	SG Iron	Magnesium	IS 12308 (Part 13) / AAS
285	CHEMICAL- METALS & ALLOYS	SG Iron	Manganese	IS 12308 (Part 10)
286	CHEMICAL- METALS & ALLOYS	SG Iron	Molybdenum	IS 12308 (Part 9) / AAS
287	CHEMICAL- METALS & ALLOYS	SG Iron	Nickel	ASTM E351 / AAS
288	CHEMICAL- METALS & ALLOYS	SG Iron	Nickel	IS 12308 (Part 7) /AAS
289	CHEMICAL- METALS & ALLOYS	SG Iron	Phosphorus	IS 12308 (Part 5)
290	CHEMICAL- METALS & ALLOYS	SG Iron	Silicon	IS 12308 (Part 6)
291	CHEMICAL- METALS & ALLOYS	SG Iron	Titanium	IS 12308 (Part 14) / AAS
292	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	IS 1559 (Sec. IV)
293	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon	IS 1559 (Sec. IV)
294	CHEMICAL- METALS & ALLOYS	Sponge Iron	Metallic Iron	IS 10812
295	CHEMICAL- METALS & ALLOYS	Sponge Iron	Total Iron	IS 1493
296	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ASTM E353 / AAS
297	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 228 (Part 1)
298	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E353



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299	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E353 / AAS
300	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E353 / AAS
301	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead	ASTM E353
302	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E353
303	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)/AAS
304	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E353
305	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E353
306	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
307	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
308	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	ASTM E353/AAS
309	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E353 / AAS
310	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ASTM E353
311	CHEMICAL- METALS & ALLOYS	Steel / Ferro Alloy/ Cast Iron	Sulphur	IS 228 (Part 20)
312	CHEMICAL- METALS & ALLOYS	Steel / Ferro alloys / Cast Iron	Carbon	IS 228 (Part 20)
313	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Aluminum	ASTM A751
314	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Antimony	ASTM A751
315	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Arsenic	ASTM A751
316	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Boron	ASTM A751
317	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Calcium	ASTM A751



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318	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Carbon	ASTM A751
319	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Cerium	ASTM A751
320	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Chromium	ASTM A751
321	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Cobalt	ASTM A751
322	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Copper	ASTM A751
323	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Hydrogen	IS 228 (Part 22)
324	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Lead	ASTM A751
325	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Manganese	ASTM A751
326	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Magnesium	ASTM A751
327	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Molybdenum	ASTM A751
328	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Nickel	ASTM A751
329	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Niobium	ASTM A751
330	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Nitrogen	ASTM A751
331	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Nitrogen	IS 228 (Part 17)
332	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Oxygen	IS 228 (Part 18)
333	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Phosphorus	ASTM A751
334	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Silicon	ASTM A751
335	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Sulpher	ASTM A751
336	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Tantalum	ASTM A751



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337	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Tin	ASTM A751
338	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Titanium	ASTM A751
339	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Tungsten	ASTM A751
340	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Vanadium	ASTM A751
341	CHEMICAL- METALS & ALLOYS	Steel, Stainless Steel & Related Alloys	Zirconium	ASTM A751
342	CHEMICAL- METALS & ALLOYS	Structural Steel	Carbon Equivalent	IS 2062
343	CHEMICAL- METALS & ALLOYS	Structural Steel	Phosphorus + Sulphur	IS 2062
344	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Aluminum	IS 1409 / AAS
345	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Antimony	IS 403 / AAS
346	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Bismuth	IS 1409 / AAS
347	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Bismuth	SWTD/WI/NF/02
348	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Cadmium	IS 1409 / AAS
349	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Cobalt	IS 1409 / AAS
350	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Copper	IS 1409 / AAS
351	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Iron	IS 1409 / AAS
352	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Lead	IS 1409 / AAS
353	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Lead	SWTD/WI/NF/02
354	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Manganese	IS 1409 / AAS
355	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Nickel	IS 1409 / AAS



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356	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Silver	IS 1409 / AAS
357	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Tin	IS 1409
358	CHEMICAL- METALS & ALLOYS	Tin and Tin Alloys	Tin	SWTD/WI/NF/02
359	CHEMICAL- METALS & ALLOYS	Tin and Tin alloys	Zinc	IS 1409 / AAS
360	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Carbon	IS 228 (Part 1)
361	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Chromium	ASTM E 352
362	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Cobalt	ASTM E352 / AAS
363	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Manganese	ASTM E 352
364	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Molybdenum	ASTM E 352
365	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Nickel	ASTM E 352
366	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Phosphorus	ASTM E352
367	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Silicon	ASTM E 352
368	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Sulphur	IS 228 (Part 9)
369	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Tungsten	ASTM E 352
370	CHEMICAL- METALS & ALLOYS	Tool / HSS Steel	Vanadium	ASTM E 352
371	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Aluminum	IS 2600 Part 7 / AAS
372	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Cadmium	IS 2600 (Part 2)
373	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Copper	IS 2600 (Part 2)
374	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Iron	IS 2600 (Part 2)



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375	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Lead	IS 2600 (Part 2)
376	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Magnesium	IS 2600 Part 6 / AAS
377	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Nickel	IS 2600 (Part 1)
378	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Zinc	IS 9958
379	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS oil	Ash content	IS 1448 (Part 4) Sec 1
380	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	Carbon residue (Canardson)	IS 1448 (Part 122)
381	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS oil	Flash point (PMCC)	IS 1448 (Part 21)
382	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	Gross Calorific Value	IS 1448 (Part 6)
383	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	Inorganic acidity	ASTM D974
384	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	K. viscosity @ 100°C	IS 1448 (Part 25)
385	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	K. viscosity @ 50°C	IS 1448 (Part 25) Sec 1
386	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS Oil	Sediments	IS 1448 (part 30)
387	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS oil	Total Sulphur	IS 1448 (Part 33)
388	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace / LSHS oil	Water Content	IS 1448 (Part 40)
389	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace oil / LSHS oil	Density / Relative density	IS 1448 (part 32)
390	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Ash Content	IS 1448 (Part 4) Sec 1
391	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Carbon Residue (Ramsbottom)	IS 1448 Part 8
392	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Density / Relative density	IS 1448 (part 16)
393	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Distillation percent v/v, Recovery at 360 °C	IS 1448 (Part 18)



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394	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Flash Point (abel's)	IS 1448 (Part 20)
395	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Flash Point (PMCC)	IS 1448 (Part 21)
396	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Gross Calorific Value	IS 1448 (Part 6)
397	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Inorganic acidity	ASTM D974
398	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	K. Viscosity @ 40 °C	IS 1448 (Part 25) Sec 1
399	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Pour Point	IS 1448 (Part 10) Sec 2
400	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Total acidity	IS 1448 (Part 2)
401	CHEMICAL- PETROLEUM AND PRODUCTS	HSD / LDO	Water Content	IS 1448 (Part 40)
402	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Ash Content	IS 1448 (Part 4) Sec 1
403	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Flash Point (COC)	IS 1448 (Part 69)
404	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	K. Viscosity @ 100 °C	IS 1448 (Part 25) Sec 1
405	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	K. Viscosity @ 40 °C	IS 1448 (Part 25) Sec 1
406	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Pour Point	IS 1448 (Part 10) Sec 2
407	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Total Acid No.	IS 1448 (Part 2)
408	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Total Base No.	IS 1448 (Part 86)
409	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Viscosity Index	IS 1448 (Part 56)
410	CHEMICAL- PETROLEUM AND PRODUCTS	Lubricating/Hydraulic/Gear/Engine Oil	Water Content	IS 1448 (Part 40)
411	CHEMICAL- PLASTIC & RESINS	Plastic & Polymers	Ash Content	IS 13360 (Part 8/Sec. 8)
412	CHEMICAL- PLASTIC & RESINS	Plastic & Polymers	Density	ASTM D792



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413	CHEMICAL- PLASTIC & RESINS	Plastic & Polymers	Water Absorption	ASTM D570
414	CHEMICAL- PLASTIC & RESINS	Plastic & Polymers (PVC Water Stops)	Water Absorption	IS 15058 Annex. A
415	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Material Identification	ASTM E1252
416	CHEMICAL- PLASTIC & RESINS	UPVC Pipe	Density	IS 4985
417	CHEMICAL- PLASTIC & RESINS	UPVC Pipe	Reversion Test	IS 4985
418	CHEMICAL- PLASTIC & RESINS	UPVC Pipe	Sulphated Ash Content	IS 4985
419	CHEMICAL- PLASTIC & RESINS	UPVC Pipe	Visual Appearance	IS 4985
420	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity	IS 3025 (Part 23)
421	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Aluminium	IS 3025 (Part 55)
422	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia Nitrogen	IS 3025 (Part 34)
423	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio chemical oxygen Demand	IS 3025 (Part 44)
424	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium	IS 3025 (Part 41)
425	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	IS 3025 (Part 40)
426	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
427	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides	IS 3025 (Part 32)
428	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium as Cr+3	IS 3025 (Part 52)
429	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium as Cr+6	IS 3025 (Part 52)
430	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS 3025 (Part 4)
431	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	IS 3025 (Part 14)



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432	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper	IS 3025 (Part 42)
433	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride	IS 3025 (Part 60)
434	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	IS 3025 (Part 53)
435	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead	IS 3025 (Part 47)
436	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	IS 3025 (Part 46)
437	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese	IS 3025 (Part 59)
438	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury	IS 3025 Part48 / Mercury Analyzer
439	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel	IS 3025 (Part 54)
440	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen	IS 3025 (Part 34)
441	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Non Volatile / Inorganic Solids	IS 3025 (Part 18)
442	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Odour	IS 3025 Part 5
443	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oils & Greases	IS 3025 (Part 39)
444	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH Value	IS 3025 (Part 11)
445	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenols	IS 3025 (Part 43)
446	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphates (Dissolved)	IS 3025 (Part 31)
447	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS 3025 (Part 45)
448	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Free Chlorine	IS 3025(Part 26)
449	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	IS 3025 (Part 35)
450	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS 3025 (Part 45)



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451	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	IS 3025 (Part 24) Sec 1
452	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS 3025 (Part 9)
453	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total dissolved solids	IS 3025 (Part 16)
454	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	IS 3025 (Part 21)
455	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	IS 3025 Part 34
456	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part 17)
457	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025 (Part 10)
458	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Volatile Solids	IS 3025 (Part 18)
459	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc	IS 3025 (Part 49)
460	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Aluminum	IS 3025 (Part 55)
461	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Chromium	IS 3025 (Part 52)
462	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Copper	IS 3025 (Part 42)
463	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Iron	IS 3025 (Part 53)
464	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Lead	IS 3025 (Part 47)
465	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Manganese	IS 3025 (Part 59)
466	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Nickel	IS 3025 (Part 54)
467	CHEMICAL- RESIDUES IN WATER	DM / Distilled Water	Zinc	IS 3025 (Part 49)
468	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminum as Al	IS 3025 (Part 55)
469	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium	IS 3025(Part 41)



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470	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium	IS 3025(Part 52)
471	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium (Cr+6)	IS 3025 (Part 52)
472	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	IS 3025 (Part 42)
473	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	IS 3025 (Part 53)
474	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead	IS 3025(Part 47)
475	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese	IS 3025 (Part 59)
476	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel	IS 3025(Part 54)
477	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver	IS 13428 Annex. J
478	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc	IS 3025 (Part 49) Atomic Absorption Method,
479	CHEMICAL- RESIDUES IN WATER	Drinking/Ground/Surface/Process water	Mercury	IS 3025 Part 48/Mercury Analyzer
480	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Aluminum	IS 3025 (Part 55)
481	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Cadmium	IS 3025 (Part 41)
482	CHEMICAL- RESIDUES IN WATER	Ground / Bore well Water	Chromium	IS 3025 (Part 52)
483	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Copper	IS 3025 (Part 42)
484	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Iron	IS 3025 (Part 53)
485	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Lead	IS 3025 (Part 47)
486	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Manganese	IS 3025 (Part 59)
487	CHEMICAL- RESIDUES IN WATER	Ground / Bore well water	Nickel	IS 3025 (Part 54)
488	CHEMICAL- RESIDUES IN WATER	Ground / Bore well Water	Zinc	IS 3025 (Part 49)



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489	CHEMICAL- RESIDUES IN WATER	Ground/ Bore well water	Chromium as Cr+6	IS 3025 (Part 52)
490	CHEMICAL- RESIDUES IN WATER	Ground/Borewell Water	Mercury	IS 3025 Part 48/Mercury Analyzer
491	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Aluminum	IS 3025 (Part 55)
492	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Chromium	IS 3025 (Part 52)
493	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Copper	IS 3025 (Part 42)
494	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Iron	IS 3025 (Part 53)
495	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Lead	IS 3025 (Part 47)
496	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Manganese	IS 3025 (Part 59)
497	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Nickel	IS 3025 (Part 54)
498	CHEMICAL- RESIDUES IN WATER	Industrial Process water	Zinc	IS 3025 (Part 49)
499	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Density	IS 3400 (Part-9)
500	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Filler, Ash Content	ASTM D297
501	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Material Identification	ASTM D3677
502	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Material Identification	ASTM E1252
503	CHEMICAL- WATER	DM / Distilled Water	Calcium	IS 3025 (Part 40) EDTA Titrimetric Method
504	CHEMICAL- WATER	DM / Distilled Water	Chlorides	IS 3025 (Part 32)
505	CHEMICAL- WATER	DM / Distilled Water	Conductivity	IS 3025 (Part 14)
506	CHEMICAL- WATER	DM / Distilled Water	Magnesium	IS 3025 (Part 46)
507	CHEMICAL- WATER	DM / Distilled Water	pH value	IS 3025 (Part 11)
508	CHEMICAL- WATER	DM / Distilled Water	Silica	IS 3025 (Part 35) Molybdosilicate method
509	CHEMICAL- WATER	DM / Distilled Water	Sulphate	IS 3025 (Part 24) Sec 1



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510	CHEMICAL- WATER	DM / Distilled Water	Total alkalinity	IS 3025 (Part 23)
511	CHEMICAL- WATER	DM / Distilled Water	Total Dissolved solids	IS 3025 (Part 16)
512	CHEMICAL- WATER	DM / Distilled Water	Total Hardness	IS 3025 (Part 21) EDTA Titrimetric Method
513	CHEMICAL- WATER	DM / Distilled Water	Total Suspended Solids	IS 3025 (Part 17)
514	CHEMICAL- WATER	DM / Distilled Water	Turbidity	IS 3025 (Part 10)
515	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025(Part 23)
516	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40) EDTA Titrimetric Method,
517	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
518	CHEMICAL- WATER	Drinking water	Colour	IS 3025 (Part 4)
519	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
520	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
521	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
522	CHEMICAL- WATER	Drinking Water	Nitrates	IS 3025 (Part 34)
523	CHEMICAL- WATER	Drinking water	Odour	IS 3025 (Part 5)
524	CHEMICAL- WATER	Drinking water	pH value	IS 3025 (Part 11)
525	CHEMICAL- WATER	Drinking Water	Phenol	IS 3025 (Part 43) Sec 1
526	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025(Part 26)
527	CHEMICAL- WATER	Drinking Water	Sodium / Potassium	IS 3025 (Part 45)
528	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24) Sec 1
529	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 Part 7
530	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
531	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025(Part 21) EDTA Titrimetric Method,
532	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025 (Part 10), Nephelometric method,
533	CHEMICAL- WATER	Ground / Bore well Water	Ammonia Nitrogen	IS 3025 (Part 34)
534	CHEMICAL- WATER	Ground / Bore well Water	Oils & Greases	IS 3025 (Part 39)
535	CHEMICAL- WATER	Ground / bore well water	Acidity	IS 3025 (Part 22)
536	CHEMICAL- WATER	Ground / Bore well Water	Alkalinity	IS 3025 (Part 23)
537	CHEMICAL- WATER	Ground / Bore well water	Bio chemical oxygen demand	IS 3025 (Part 44)



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538	CHEMICAL- WATER	Ground / Bore well Water	Calcium	IS 3025 (Part 40)
539	CHEMICAL- WATER	Ground / Bore well Water	Chemical Oxygen demand	IS 3025 (Part 58):
540	CHEMICAL- WATER	Ground / Bore well water	Chlorides	IS 3025 (Part 32) Argentometric Method,
541	CHEMICAL- WATER	Ground / Bore well water	Conductivity	IS 3025 (Part 14)
542	CHEMICAL- WATER	Ground / Bore well water	Fluoride	IS 3025 (Part 60)
543	CHEMICAL- WATER	Ground / Bore well water	Magnesium	IS 3025 (Part 46)
544	CHEMICAL- WATER	Ground / Bore well Water	Nitrates as Nitrogen	IS 3025 (Part 34) Chromotropic Acid method
545	CHEMICAL- WATER	Ground / Bore well water	pH	IS 3025 (Part 11)
546	CHEMICAL- WATER	Ground / Bore well water	Residual free chlorine	IS 3025 (Part 26)
547	CHEMICAL- WATER	Ground / Bore well water	Silica	IS 3025 (Part 35) Molybdosilicate Method,
548	CHEMICAL- WATER	Ground / Bore well water	Sodium / Potassium	IS 3025 (Part 45) Flame Photometric Method,
549	CHEMICAL- WATER	Ground / Bore well water	Sulphate	IS 3025 (Part 24) Sec 1
550	CHEMICAL- WATER	Ground / Bore well water	Total Dissolved Solids	IS 3025 (Part 16)
551	CHEMICAL- WATER	Ground / Bore well water	Total Hardness	IS 3025 (Part 21)
552	CHEMICAL- WATER	Ground / Bore well water	Total Suspended Solids	IS 3025 (Part 17)
553	CHEMICAL- WATER	Ground / Bore well water	Turbidity	IS 3025 (Part 10)
554	CHEMICAL- WATER	Ground / Borewell water	Carbonates / Bicarbonates	IS 3025 (part 51)
555	CHEMICAL- WATER	Ground/Bore Well Water	Fluoride	IS 3025 (Part 60)
556	CHEMICAL- WATER	Ground/Bore well Water	Odour	IS 3025 Part 5
557	CHEMICAL- WATER	Ground/Bore well Water	Phosphate	IS 3025 Part 31
558	CHEMICAL- WATER	Ground/Bore well Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
559	CHEMICAL- WATER	Ground/Borewell Water	Chemical Oxygen Demand	IS 3025 (Part 58)
560	CHEMICAL- WATER	Ground/Borewell Water	Colour	IS 3025 Part 4
561	CHEMICAL- WATER	Ground/Borewell Water	Taste	IS 3025 Part 7
562	CHEMICAL- WATER	Industrial Process water	Calcium	IS 3025 (Part 40) EDTA Titrimetric Method
563	CHEMICAL- WATER	Industrial Process water	Chlorides	IS 3025 (Part 32)
564	CHEMICAL- WATER	Industrial Process water	Conductivity	IS 3025 (Part 14)



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565	CHEMICAL- WATER	Industrial Process water	Magnesium	IS 3025 (Part 46)
566	CHEMICAL- WATER	Industrial Process water	pH value	IS 3025 (Part 11)
567	CHEMICAL- WATER	Industrial Process water	Silica	IS 3025 (Part 35) Molybdosilicate method
568	CHEMICAL- WATER	Industrial Process water	Sulphate	IS 3025 (Part 24) Sec 1
569	CHEMICAL- WATER	Industrial Process water	Total alkalinity	IS 3025 (Part 23)
570	CHEMICAL- WATER	Industrial Process water	Total Dissolved solids	IS 3025 (Part 16)
571	CHEMICAL- WATER	Industrial Process water	Total Hardness	IS 3025 (Part 21) EDTA Titrimetric Method
572	CHEMICAL- WATER	Industrial Process water	Total Suspended Solids	IS 3025 (Part 17)
573	CHEMICAL- WATER	Industrial Process water	Turbidity	IS 3025 (Part 10)
574	CHEMICAL- WATER	Water	Acidity (ml of 0.02 N NAOH solution used to neutralize 100 ml of water sample)	IS 3025 (Part 22)
575	CHEMICAL- WATER	Water	Acidity (ml of 0.1 N NAOH solution used to neutralize 200 ml of water sample)	IS 3025 (Part 22)
576	CHEMICAL- WATER	Water	Alkalinity (ml of 0.02 N H2SO4 solution used to neutralize 100 ml of water sample)	IS 3025 (Part 23)
577	CHEMICAL- WATER	Water	Alkalinity (ml of 0.1 N HCl solution used to neutralize 200 ml of water sample)	IS 3025 (Part 23)
578	CHEMICAL- WATER	Water	Chlorides	IS 3025 (Part 32)
579	CHEMICAL- WATER	Water	Inorganic Solids	IS 3025 (Part 18)
580	CHEMICAL- WATER	Water	Organic Solids	IS 3025 (Part 18)
581	CHEMICAL- WATER	Water	pH	IS 3025 (Part 11)
582	CHEMICAL- WATER	Water	Sulphate	IS 3025 (Part 24) Sec 1
583	CHEMICAL- WATER	Water	Total Suspended Solids	IS 3025 (Part 17)
584	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Vibration	Cl.7.2.2 of IEC 62133-1:2017/IS 16046-1
585	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non Acid Electrolytes-Lithium system	Vibration	CL.7.3.8.1 of IEC 62133-2:2017 / IS 16046-2: 2018
586	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Assembly of cells in to batteries	Cl.5.6 of IEC 62133-2:2017/IS 16046-2



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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
587	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Battery Marking	Cl.9.2 of IEC 62133-2:2017/IS 16046-2
588	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Case stress at high Ambient Temperature(battery)	Cl.7.2.2 of IEC 62133:2017/IS 16046-2
589	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Cell Marking	Cl.9.1 of IEC 62133-2:2017/IS 16046-2
590	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Continuous Charging at constant voltage (Ammeter)	Cl.7.2.1 of IEC 62133-2:2017/IS 16046-2
591	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Continuous charging at constant voltage(Cell) (voltmeter)	Cl.7.2.1 of IEC 62133-2:2017/IS 16046-2
592	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	External short circuit(battery)	Cl.7.3.2 of IEC 62133-2:2017/IS 16046-2
593	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	External short circuit(Cell)	Cl.7.3.1 of IEC 62133-2:2017/IS 16046-2
594	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Forced discharge(cell) (Ammeter)	Cl.7.3.7 of IEC 62133-2:2017/IS 16046-2
595	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Forced discharge(cell) (Voltmeter)	Cl.7.3.7 of IEC 62133-2:2017/IS 16046-2
596	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Free fall	Cl.7.3.3 of IEC 62133-2:2017/IS 16046-2
597	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Insulation & wiring	Cl.5.2 of IEC 62133-2:2017/IS 16046-2
598	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Mechanical shock	Cl.7.3.8.2 of IEC 62133-1:2017 / IS 16046-2
599	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Over-charging of battery (Ammeter)	Cl.7.3.6 of IEC 62133-2:2017/IS 16046-2
600	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Over-charging of Battery (voltmeter)	Cl.7.3.6 of IEC 62133-2:2017/IS 16046-2
601	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Packaging and transport	Cl.10.0 of IEC 62133-2:2017/IS 16046-2
602	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Small cell and battery safety information	Cl.8.2 of IEC 62133-1:2017/IS 16046-1
603	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	small cell and battery safety information	Cl.8.2 of IEC 62133-2:2017/IS 16046-2
604	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Terminal contacts	Cl.5.5 of IEC 62133-2:2017/IS 16046-2



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605	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Thermal abuse	Cl.7.3.4 of IEC 62133-2:2017/IS 16046-2
606	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Lithium system	Venting	Cl.5.3 of IEC 62133-2:2017/IS 16046-2
607	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries containing Alkaline or other Non-acid Electrolyte-Nickel system	Mechanical shock	Cl.7.3.4 of IEC 62133-1:2017 / IS16046-1
608	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Battery Marking	Cl.9.2 of IEC 62133-1:2017/IS 16046-1
609	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Case stress at high Ambient Temperature(Batteries)	Cl.7.2.3 of IEC 62133-1:2017/IS 16046-1
610	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Cell Marking	Cl.9.1 of IEC 62133-1:2017/IS 16046-1
611	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Continuous Low Rate Charge (Ammeter)	Cl.7.2.1 of IEC 62133-1:2017/IS 16046-1
612	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Continuous low rate charge (voltmeter)	Cl.7.2.1 of IEC 62133-1:2017/IS 16046-1
613	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Crushing of cells	Cl.7.3.6 of IEC 62133-1:2017/IS 16046-1
614	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Exernal short circuit	Cl.7.3.2 of IEC 62133-1:2017/IS 16046-1
615	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Forced discharge	Cl.7.3.9 of IEC 62133-1:2017/IS 16046-1
616	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Forced discharge(cell)	Cl.7.3.9 of IEC 62133-1:2017/IS 16046-1
617	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Free Fall	Cl.7.3.3 of IEC 62133-1:2017/IS 16046-1
618	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Incorrect Installation	Cl.7.3.1 of IEC 62133-1:2017/IS 16046-1
619	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Insulation & wiring	Cl.5.2 of IEC 62133-1:2017/IS 16046-1
620	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Low pressure (cell)	Cl.7.3.7 of IEC 62133-1:2017/IS 16046-1
621	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Marking	Cl.9.0 of IEC 62133-1:2017/IS 16046-1
622	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Overcharge	Cl.7.3.8 of IEC 62133-1:2017/IS 16046-1
623	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Overcharge	Cl.7.3.8 of IEC 62133-1:2017/IS 16046-1



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624	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Temperature cycling	Cl.7.2.4 of IEC 62133-1:2017/IS 16046-1
625	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Thermal abuse	Cl.7.3.5 of IEC 62133-1:2017/IS 16046-1
626	ELECTRICAL- CELLS & BATTERIES	Secondary Cells & Batteries for portable application (nickel system)	Venting	Cl.5.3 of IEC 62133-1:2017/IS 16046-1
627	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Construction	Cl. 16 of IS 15885 (Part 2 / Sec 13):2012+A1
628	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Electric Strength	Cl. 12 of IS 15885 (Part 2 / Sec 13):2015+A1
629	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Fault Conditions	Cl. 14 of IS 15885 (Part 2 / Sec 13):2012+A1
630	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Marking(Durability)	Cl. 7 of IS 15885 (Part 2 / Sec 13):2012+A1
631	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Moisture Resistance and insulation	Cl. 11 of IS 15885 (Part 2 / Sec 13):2015+A1
632	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Protection against accidental contact with live parts	Cl. 8 of IS 15885 (Part 2 / Sec 13):2012+A1
633	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Provision for protective earthing	Cl.10 of IS 15885 (Part 2 / Sec 13):2012+A1
634	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Resistance to corrosion	Cl. 19 of IS 15885 (Part 2 / Sec 13):2012+A1
635	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Screws, Current-Carrying parts and connections	Cl. 18 of IS 15885 (Part 2 / Sec 13):2012+A1
636	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Terminals	Cl. 9 of IS 15885 (Part 2 / Sec 13):2012+A1
637	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronic Control gear for LED Modules	Transformer Heating	Cl. 15 of IS 15885 (Part 2 / Sec 13):2012+A1



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638	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	D.C. or A.C. supplied Electronics Control gear for LED Modules	Creepage distances and clearances	Cl.17 of IS 15885 (Part2/Sec13):2012+A1
639	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Cap Temperature rise	Cl. 10 of IS 16102 (Part 1):2012+A1+A2:2015+A3
640	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Creepage distances and Clearances	Cl. 14 of IS 16102 (Part 1):2012+A1+A2:2015+A3
641	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Fault Condition	Cl. 13 of IS 16102 (Part 1):2012+A1+A2:2015+A3
642	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Insulation Resistance and electric strength after Humidity treatment	Cl. 8.1.1 of IS 16102 (Part 1):2012+A1+A2:2015+A3
643	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Insulation Resistance and electric strength after Humidity treatment	Cl. 8.2 of IS 16102 (Part 1):2012+A1+A2:2015+A3
644	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Interchangeability(Gauges B22d, E14, E27)	Cl. 6 of IS 16102 (Part 1):2012+A1+A2:2015+A3
645	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Marking (Durability Test)	Cl. 5.0 of IS 16102 (Part 1):2012+A1+A2:2015+A3
646	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Mechanical Strength (Torsion Test)	Cl. 9 of IS 16102 (Part 1):2012+A1+A2:2015+A3
647	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Protection against accidental contact with live parts	Cl. 7 of IS 16102 (Part 1):2012+A1+A2:2015+A3
648	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Resistance to flame and ignition	Cl. 12 of IS 16102 (Part 1):2012+A1+A2:2015+A3
649	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Resistance to Heat (Ball pressure test - Ball Penetration)	Cl. 11 of IS 16102 (Part 1):2012+A1+A2:2015+A3
650	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp for general lighting services	Resistance to Heat (Ball pressure test - Test Temp.)	Cl. 11 of IS 16102 (Part 1):2012+A1+A2:2015+A3
651	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Antenna coaxial sockets mounted on the Apparatus	Cl. 12.5 of IS 616



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652	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Bump Test	Cl. 12.1.2 of IS 616
653	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Clearances	Cl. 13.3 of IS 616
654	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Constructional requirements with regard to protection against electric shock	Cl. 8 of IS 616
655	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Determination of working voltage	Cl. 13.2 of IS 616
656	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Device forming parts of Mains plug	Cl. 15.4.1 of IS 616
657	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Drawers	Cl. 12.4 of IS 616
658	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Drop Test	Cl. 12.1.5 of IS 616
659	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Electric shock hazard under normal operating condition (Determination of Hazardous live parts)	Cl. 9 of IS 616
660	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Electric shock hazard under normal operating condition (Determination of Hazardous live parts)	Cl. 9.0 of IS 616
661	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Electric shock hazard under normal operating condition (Withdrawal of Mains Plug)	Cl. 9.1.6 of IS 616
662	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Electrical & Mechanical connections	Cl. 17.0 of IS 616
663	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	External flexible cords	Cl. 16 of IS 616
664	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Fault Conditions	Cl. 11 of IS 616



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665	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Fixing of actuating elements	Cl. 12.2 of IS 616
666	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Fixing of actuating elements	Cl. 12.2 of IS 616
667	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Heating under normal condition	Cl.7 of IS 616
668	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Humidity Treatment	Cl. 10.3 of IS 616
669	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Identification and supply ratings (Power Consumption)	Cl. 5.2 of IS 616
670	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Identification and supply ratings (Power Consumption)	Cl. 5.2 of IS 616
671	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Identification and supply ratings(Power Consumption)	Cl. 5.2 of IS 616
672	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Impact Test	Cl. 12.1.4 of IS 616
673	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Insulation Resistance	Cl. 10.4.1 of IS 616
674	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Marking and Instruction(Durability test)	Cl. 5.1 of IS 616
675	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Measurement of Transient voltages	Cl. 13.3.4 of IS 616
676	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Remote control devices held in hand	Cl. 12.3 of IS 616
677	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Resistance to fire	Cl. 20 of IS 616
678	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Stability and Mechanical hazard	Cl. 19 of IS 616



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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
679	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Stress Relief Test	Cl. 12.1.6 of IS 616
680	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Surge test	Cl. 10.2 of IS 616
681	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Terminals(Provision for protective earthing)	Cl. 15.2 of IS 616
682	ELECTRONICS- AUDIO EQUIPMENT	Amplifier with input power 2000 W and above, Optical disc player with built in Amplifier of input power 200 W and above, Electronics Music Systems	Vibration Test	Cl. 12.1.3 of IS 616
683	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Antenna coaxial sockets mounted on the apparatus	Cl. 12.5 of IS 616
684	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Bump Test	Cl. 12.1.2 of IS 616
685	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Clearances	Cl. 13.3 of IS 616
686	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Constructional requirements with regard to protection against electric shock	Cl. 8 of IS 616
687	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Determination of Hazardous live parts	Cl. 9.1.1.2 of IS 616
688	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Determination of Hazardous live parts	Cl. 9.1.1.2 of IS 616
689	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Determination of working voltage	Cl. 13.2 of IS 616
690	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Device forming parts of Mains plug	Cl. 15.4.1 of IS 616
691	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Drawers	Cl. 12.4 of IS 616
692	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Drop test	Cl. 12.1.5 of IS 616



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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
693	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Electrical connection and Mechanical fixing	Cl. 17 of IS 616
694	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	External flexible cords	Cl. 16 of IS 616
695	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Fault condition	Cl. 11 of IS 616
696	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Fixing of actuating element	Cl. 12.2 of IS 616
697	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Fixing of actuating element	Cl. 12.2 of IS 616
698	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Heating under normal operating condition	Cl. 7 of IS 616
699	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Humidity Treatment	Cl. 10.3 of IS 616
700	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Identification and supply ratings (Power consumption test)	Cl. 5.2 of IS 616
701	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Identification and supply ratings (Power consumption test)	Cl. 5.2 of IS 616
702	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Identification and supply ratings (Power consumption test)	Cl. 5.2 of IS 616
703	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Impact test	Cl. 12.1.4 of IS 616
704	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Insulation resistance	Cl. 10.4.1 of IS 616
705	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Marking and instructions (Durability test)	Cl. 5.1 of IS 616
706	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Resistance to fire	Cl. 20 of IS 616



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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
707	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Stability and Mechanical hazards	Cl. 19 of IS 616
708	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Stress relief test	Cl. 12.1.6 of IS 616
709	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Surge Test	Cl. 10.2 of IS 616
710	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Terminals	Cl. 15 of IS 616
711	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Vibration test	Cl. 12.1.3 of IS 616
712	ELECTRONICS- AUDIO EQUIPMENT	LED/Plasma/LCD TVs of screen size up to 85"; Power adapter for Audio, Video and similar electronic Apparatus; Video Game	Withdrawal of Mains Plug	Cl. 9.1.6 of IS 616
713	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Lighting products	Degrees of protection against access to hazardous parts and solid foreign objects (IP1X to IP6X)	(Cl.5.0 Table 1, 2 & 5, Cl.12 &13 Table 6 & 7) of IS/IEC 60529
714	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Lighting products	Degrees of protection against access to hazardous parts and solid foreign objects (IP1X to IP6X)	(Cl.5.0 Table 1, 2 & 5, Cl.12 &13 Table 6 & 7) of IS/IEC 60529
715	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Lighting products	Degrees of protection against access to hazardous parts and solid foreign objects (IP1X to IP6X)	(Cl.5.0 Table 1, 2 & 5, Cl.12 &13 Table 6 & 7) of IS/IEC 60529
716	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Lighting products	Degrees of protection against access to hazardous parts indicated by the additional letter (A,B,C,D)	(Cl.7.0, Cl.15.0 & Table 4) of IS/IEC 60529
717	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Lighting products	Tests for protection against water indicated by second characteristics numeral (IPX3 to IPX6)	(Cl.14 , Table 8) of IS/IEC 60529
718	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical,Electronics and Lighting products	Tests for protection against water indicated by second characteristics numeral (IPX3 to IPX6)	(Cl.14 ,Table 8) of IS/IEC 60529



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719	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical.Electronics and Lighting products	Degrees of protection against access to hazardous parts and solid foreign objects (IP1X to IP6X)	(Cl.5.0 Table 1, 2 & 5, Cl.12 &13 Table 6 & 7) of IS/IEC 60529
720	ELECTRONICS- IT EQUIPMENT	Computer/Laptop/Notebook/Tablet PC	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
721	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch, VDU up to 85 inch/Modem	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2:
722	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch, VDU up to 85 inch/Modem	Power interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2:
723	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch, VDU up to 85 inch/Modem	Wall or ceiling mounted equipment	Cl. 4.2.10 of IS 13252:2010+A1:2013+A2:
724	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Abnormal operating and fault condition	Cl. 5.3 of IS 13252 (Part 1):2010+A1:2013+A2:
725	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Clearances, Creepage distances and distance through insulation	Cl. 2.10 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
726	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Connection to cable distribution systems	Cl. 7.0 of IS 13252 (Part 1):2010+A1:2013+A2:
727	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Connection to Telecommunication networks	Cl. 6.0 of IS 13252 (Part 1):2010+A1:2013+A2:
728	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Electric strength	Cl. 5.2 of IS 13252 (Part 1):2010+A1:2013+A2:
729	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Electrical insulation(Humidity test)	Cl. 2.9 of IS 13252 (Part 1):2010+A1:2013+A2:
730	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Limited current circuit	Cl. 2.4 of IS 13252 (Part 1):2010+A1:2013+A2:
731	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Limited power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2:
732	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Limited power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2:
733	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Mechanical strength(Drop test)	Cl. 4.2.6 of IS 13252 (Part 1):2010+A1:2013+A2:
734	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Mechanical strength(Impact test)	Cl. 4.2.5 of IS 13252 (Part 1):2010+A1:2013+A2:
735	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Mechanical strength(Steady force test)	Cl. 4.2.1 to Cl. 4.2.4 of IS 13252 (Part 1):2010+A1:2013+A2:



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736	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Mechanical strength(Stress relief test)	Cl.4.2.7 of IS 13252 (Part 1):2010+A1:2013+A2:
737	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Openings in enclosures	Cl. 4.6 of IS 13252 (Part 1):2010+A1:2013+A2:
738	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part 1):2010+A1:2013+A2:
739	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1):2010+A1:2013+A2:
740	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1):2010+A1:2013+A2:
741	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Resistance to abnormal heat(Ball pressure test)	Cl. 4.5.5 of IS 13252 (Part 1):2010+A1:2013+A2:
742	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Resistance to fire	Cl. 4.7 of IS 13252 (Part 1):2010+A1:2013+A2:: 2015
743	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	SELV Circuit	Cl. 2.2 of IS 13252 (Part 1):2010+A1:2013+A2:
744	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Stability	Cl. 4.1 of IS 13252 (Part 1):2010+A1:2013+A2:
745	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Thermal requirement	Cl. 4.5 of IS 13252 (Part 1):2010+A1:2013+A2:
746	ELECTRONICS- IT EQUIPMENT	Monitors up to 85 inch/VDU up to 85 inch/Modem	Wiring connection and supply	Cl. 3.0 of IS 13252 (Part 1):2010+A1:2013+A2
747	ELECTRONICS- IT EQUIPMENT	Personal computer	Provision for earthing and bonding	Cl. 2.6 of IS 13252(Part 1):2010+A1:2013+A2
748	ELECTRONICS- IT EQUIPMENT	Personal computer/Laptop/Notebook/Tablets	Electrical insulation	Cl. 2.9 of IS 13252 (Part 1):2010+A1:2013+A2
749	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Abnormal operating and fault condition	Cl. 5.3 of IS 13252 (Part 1):2010+A1:2013+A2
750	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Connection to telecommunication networks	Cl. 6.0 of IS 13252 (Part 1):2010+A1:2013+A2
751	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Electric strength	Cl. 5.2 of IS 13252 (Part 1):2010+A1:2013+A2
752	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Resistance to abnormal heat(Ball pressure Test)	Cl. 4.5.5 of IS 13252 (Part 1):2010+A1:2013+A2
753	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Resistance to fire	Cl. 4.7 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
754	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Note book/Tablets	Thermal Requirement	Cl. 4.5 of IS 13252 (Part 1):2010+A1:2013+A2



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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
755	ELECTRONICS- IT EQUIPMENT	Personal Computers/Laptop/Notebook/Tablet	Clearance, Creepage distances and distances through insulation	Cl. 2.10 of IS 13252(Part 1):2010+A1:2013+A2: 2015
756	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablet	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part 1):2010+A1:2013+A2
757	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablet	Stress Relief test	Cl. 4.2.7 of IS 13252 (Part 1):2010+A1:2013+A2
758	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablet	Wiring, connection and supply	Cl. 3.0 of IS 13252 (Part 1):2010+A1:2013+A2
759	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Drop Test	Cl. 4.2.6 of IS 13252 (Part 1):2010+A1:2013+A2
760	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Humidity test	Cl. 2.9.2 of IS 13252(Part 1):2010+A1:2013+A2
761	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Impact test	Cl. 4.2.5 of IS 13252(Part 1):2010+A1:2013+A2
762	ELECTRONICS- IT EQUIPMENT	Personal Computers/Laptop/Notebook/Tablets	Limited current circuit	Cl. 2.4 of IS 13252 (Part 1):2010+A1:2013+A2
763	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Limited power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2
764	ELECTRONICS- IT EQUIPMENT	Personal Computers/Laptop/Notebook/Tablets	Limited power source	Cl. 2.5 of IS 13252(Part 1):2010+A1:2013+A2
765	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Marking and Instruction	Cl. 1.7 of IS 13252 (Part 1):2010+A1:2013+A2
766	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Mechanical strength	Cl. 4.2.1 to 4.2.4 of IS 13252 (Part 1):2010+A1:2013+A2
767	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Openings in enclosures	Cl. 4.6 of IS 13252 (Part 1):2010+A1:2013+A2
768	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
769	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Safety Interlock	Cl. 2.8 of IS 13252 (Part 1):2010+A1:2013+A2
770	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	SELV Test	Cl. 2.2 of IS 13252 (Part 1):2010+A1:2013+A2
771	ELECTRONICS- IT EQUIPMENT	Personal computers/Laptop/Notebook/Tablets	Stability	Cl. 4.1 of IS 13252(Part 1):2010+A1:2013+A2
772	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Connection to Telecommunication networks	Cl. 6.0 of IS 13252 (Part 1):2010+A1:2013+A2



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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
773	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Drop Test	Cl. 4.2.6 of IS 13252 (Part 1):2010+A1:2013+A2
774	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Electrical insulation(Humidity Test)	Cl. 2.9 of IS 13252 (Part 1):2010+A1:2013+A2
775	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Impact test	Cl. 4.2.5 of IS 13252 (Part 1):2010+A1:2013+A2
776	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Limited current circuit	Cl. 2.4 of IS 13252 (Part 1):2010+A1:2013+A2
777	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Limited Power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2
778	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Marking and instruction(Durability test)	Cl. 1.7 of IS 13252 (Part 1):2010+A1:2013+A2
779	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Mechanical strength(Steady force test)	Cl. 4.2.2 to Cl. 4.2.4 of IS 13252 (Part 1):2010+A1:2013+A2
780	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Openings in enclosures	Cl. 4.6 of IS 13252 (Part 1):2010+A1:2013+A2
781	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
782	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
783	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Protection against hazardous moving parts	Cl. 4.4 of IS 13252 (Part 1):2010+A1:2013+A2
784	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part 1):2010+A1:2013+A2
785	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1):2010+A1:2013+A2
786	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1):2010+A1:2013+A2
787	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Resistance to abnormal heat	Cl. 4.5.5 of IS 13252 (Part 1):2010+A1:2013+A2
788	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Resistance to fire	Cl. 4.7 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
789	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Safety Interlock	Cl. 2.8 of IS 13252 (Part 1):2010+A1:2013+A2
790	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB driven bar code scanner	SELV Circuit	Cl. 2.2 of IS 13252 (Part 1):2010+A1:2013+A2



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791	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Stability	Cl. 4.1 of IS 13252 (Part 1):2010+A1:2013+A2
792	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Stress relief test	Cl. 4.2.7 of IS 13252 (Part 1):2010+A1:2013+A2
793	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Thermal Requirement	Cl. 4.5 of IS 13252 (Part 1):2010+A1:2013+A2
794	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner	Wiring connection and supply	Cl. 3.0 of IS 13252 (Part 1):2010+A1:2013+A2
795	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner/iris scanner/optical finger print scanner	Abnormal operating and Fault Condition	Cl. 5.3 of IS 13252 (Part 1):2010+A1:2013+A2
796	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner/iris scanner/optical finger print scanner	Clearances, Creepage distances and Distance through Insulation	Cl. 2.10 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
797	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner/iris scanner/optical finger print scanner	Connection to cable distribution system	Cl. 7.0 of IS 13252 (Part 1):2010+A1:2013+A2
798	ELECTRONICS- IT EQUIPMENT	Printer/Scanner/Copier/Duplicator/USB Driven Bar code scanner/iris scanner/optical finger print scanner	Electric strength	Cl. 5.2 of IS 13252 (Part 1):2010+A1:2013+A2
799	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/ automatic data processing machine/Mail processing machine/Postage machine/Frinking machines/Passport reader/Cash register/point of sale terminal/Telephone answering machine/Smart card reader	Over current & earth fault in primary circuit	Cl. 2.7 of IS 13252(Part 1) :2010+A1:2013+A2
800	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/ automatic data processing machine/Mail processing machine/Postage machine/Frinking machines/Passport reader/Cash register/point of sale terminal/Telephone answering machine/Smart card reader	Touch current and protective conductor current	Cl. 5.1 of IS 13252(Part 1):2010+A1 :2013+A2
801	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale	Resistance to fire	Cl. 4.7 of IS 13252 (Part 1): 2010+A1: 2013+A2: 2015
802	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Abnormal operating and fault condition	Cl. 5.3 of IS 13252 (Part 1) :2010+A1: 2013+A2
803	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Clearances, Creepage distances and distances through insulation	Cl. 2.10 of IS 13252 (Part 1): 2010+A1 :2013+A2: 2015



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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
804	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Connection to cable distribution systems	Cl. 7.0 of IS 13252 (Part 1):2010+A1:2013+A2
805	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Connection to telecommunication networks	Cl. 6.0 of IS 13252 (Part 1) :2010+A1: 2013+A2
806	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Drop test	Cl. 4.2.6 of IS 13252 (Part 1) :2010+A1:2013+A2
807	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Electric strength Test	Cl. 5.2 of IS 13252 (Part 1) : 2010+A1: 2013+A2
808	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Electrical insulation(Humidity Test)	Cl. 2.9 of IS 13252 (Part 1) :2010+A1 :2013+A2
809	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Impact Test	Cl. 4.2.5 of IS 13252 (Part 1) : 2010+A1 :2013+A2
810	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Limited current circuit	Cl. 2.4 of IS 13252 (Part 1) : 2010+A1 :2013+A2
811	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Limited power source	Cl. 2.5 of IS 13252 (Part 1): 2010+A1 :2013+A2
812	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Marking and Instruct(Durability test)	Cl. 1.7 of IS 13252 (Part 1): 2010+A1: 2013+A2



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813	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Mechanical strength(Steady force test)	Cl. 4.2.2 to Cl. 4.2.4 of IS 13252 (Part 1): 2010+A1: 2013+A2
814	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Openings in enclosures	Cl. 4.7 of IS 13252 (Part 1) :2010+A1: 2013+A2
815	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Power Interface	Cl. 1.6 of IS 13252 (Part 1) :2010+A1: 2013+A2
816	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Power interface	Cl. 1.6 of IS 13252 (Part 1): 2010+A1: 2013+A2
817	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Protection against Hazardous moving part	Cl. 4.4 of IS 13252 : 2010+A1: 2013+A2(Part 1)
818	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part 1): 2010+A1: 2013+A2
819	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1) :2010+A1: 2013+A2
820	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1): 2010+A1: 2013+A2
821	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Resistance to abnormal heat	Cl. 4.5.5 of IS 13252 (Part 1): 2010+A1 :2013+A2



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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
822	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Safety interlock	Cl. 2.8 of IS 13252 (P: 2010+A1 :2013+A2art 1)
823	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	SELV Circuit	Cl. 2.2 of IS 13252 (Part 1): 2010+A1: 2013+A2
824	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Stability	Cl. 4.1 of IS 13252 (Part 1) :2010+A1: 2013+A2
825	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Stress Relief test	Cl. 4.2.7 of IS 13252 (Part 1): 2010+A1: 2013+A2
826	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Thermal Requirement	Cl. 4.5 of IS 13252 (Part 1) :2010+A1: 2013+A2
827	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Mail processing Machine/Postage machines/Frinking machine/Passport reader/Cash register/Point of sale terminals/Telephone answering Machine/Smart card reader	Wiring connection and supply	Cl. 3.0 of IS 13252 (Part 1) :2010+A1: 2013+A2
828	ELECTRONICS- IT EQUIPMENT	Server/All in one PC/Automatic data processing Machine/Postage machines/Frinking machine/Passport reader/cash register/point of sale terminals/Telephone answering machine/smart card reader	TNV Circuits	Cl. 2.3 of IS 13252(Part1): 2010+A1: 2013+A2
829	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Clearances, Creepage distances and distances through insulation	Cl. 2.10 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
830	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Connection to cable distribution systems	Cl. 7.0 of IS 13252 (Part 1):2010+A1:2013+A2
831	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Connection to telecommunication networks	Cl. 6.0 of IS 13252 (Part 1):2010+A1:2013+A2



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832	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Drop Test	Cl. 4.2.6 of IS 13252 (Part 1):2010+A1:2013+A2
833	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Electric Strength	Cl. 5.2 of IS 13252 (Part 1):2010+A1:2013+A2
834	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Electrical insulation(Humidity test)	Cl. 2.9 of IS 13252 (Part 1):2010+A1:2013+A2
835	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Impact test	Cl. 4.2.5 of IS 13252 (Part 1):2010+A1:2013+A2
836	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Limited current circuit	Cl. 2.4 of IS 13252 (Part 1):2010+A1:2013+A2
837	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Limited power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2
838	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Limited power source	Cl. 2.5 of IS 13252 (Part 1):2010+A1:2013+A2
839	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Marking and Instructions(Durability Test)	Cl. 1.7 of IS 13252 (Part 1):2010+A1:2013+A2
840	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Mechanical Strength(Steady force test)	Cl. 4.2.2 to Cl. 4.2.4 of IS 13252 (Part 1):2010+A1:2013+A2
841	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Openings in enclosures	Cl. 4.6 of IS 13252 (Part 1):2010+A1:2013+A2
842	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
843	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Power Interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
844	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part 1):2010+A1:2013+A2
845	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part :2010+A1:2013+A21)



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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
846	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Provision for earthing and bonding	Cl. 2.6 of IS 13252 (Part 1):2010+A1:2013+A2
847	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Resistance to abnormal heat	Cl. 4.5.5 of IS 13252 (Part 1):2010+A1:2013+A2
848	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Resistance to fire	Cl. 4.7 of IS 13252 (Part 1):2010+A1:2013+A2: 2015
849	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Safety Interlocks	Cl. 2.8 of IS 13252 (Part 1):2010+A1:2013+A2
850	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	SELV Circuits	Cl. 2.2 of IS 13252 (Part 1):2010+A1:2013+A2
851	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Stability	Cl. 4.1 of IS 13252 (Part 1):2010+A1:2013+A2
852	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Stress Relief test	Cl. 4.2.7 of IS 13252 (Part 1):2010+A1:2013+A2
853	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Thermal Requirement	Cl. 4.5 of IS 13252 (Part 1):2010+A1:2013+A2
854	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders	Wiring connection and supply	Cl. 3.0 of IS 13252 (Part 1):2010+A1:2013+A2
855	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders, SMPS, Smart Watches,Digital Cameras,	Abnormal operating and fault condition	Cl. 5.3 of IS 13252 (Part 1):2010+A1:2013+A2:
856	ELECTRONICS- IT EQUIPMENT	Set Top box/Power adapter for IT equipment/Mobile phones/Power banks for use in portable applications/CCTV Cameras/CCTV Recorders/Smart watch	TNV Circuit	Cl.2.3 of IS 13252:2010+A1:2013+A2
857	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Drop test	Cl. 4.2.6 of IS 13252 (Part 1):2010+A1:2013+A2
858	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Impact test	Cl. 4.2.5 of IS13252 (Part 1):2010+A1:2013+A2
859	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Marking and instruction(Durability test)	Cl. 1.7 of IS 13252 (Part 1):2010+A1:2013+A2



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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
860	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Mechanical strength	Cl. 4.2.1 to 4.2.4 of IS 13252 (Part 1):2010+A1:2013+A2
861	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Power interface	Cl. 1.6 of IS 13252 (Part 1):2010+A1:2013+A2
862	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Stability	Cl. 4.1 of IS 13252 (Part 1):2010+A1:2013+A2:
863	ELECTRONICS- IT EQUIPMENT	Wireless keyboard	Thermal requirements(Temperature rise)	Cl. 4.5 of IS 13252 (Part 1):2010+A1:2013+A2:
864	ELECTRONICS- IT EQUIPMENT	Wireless keyboards	SELV Circuit	Cl. 2.2 of IS 13252 (Part 1):2010+A1:2013+A2:
865	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air Content (Percentage over control sample)	IS 9103
866	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding (Percentage increase over control sample)	IS 9103
867	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive strength (Percentage of control sample 3,7,28 days)	IS 9103
868	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural strength (Percentage of control sample 3, 7, 28 days)	IS 9103
869	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length change (Percentage increase over control sample)	IS 9103
870	MECHANICAL- BUILDINGS MATERIALS	Admixture	Loss of workability	IS 9103
871	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump	Is 9103
872	MECHANICAL- BUILDINGS MATERIALS	Admixture	Time of setting (Allowable deviation from control sample)	IS 9103
873	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water content (Percent of control sample)	IS 9103
874	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Bitument content	IS 19008
875	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208 (Part 1)
876	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Elastic Recovery	IS 1208 (Part 2)
877	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203



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878	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
879	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Length, Width & Height)	IS 1077
880	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
881	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
882	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
883	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
884	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
885	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (blains)	IS 4031 (Part 2)
886	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Final)	IS 4031 (Part 5)
887	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting time (Initial)	IS 4031 (Part 5)
888	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Autoclave)	IS 4031 (Part 3)
889	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Lechatlier)	IS 4031 (Part 3)
890	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 (Part 6)
891	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of rupture	IS 13630 (Part 6)
892	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density (Compacted)	IS 2386 (Part 3)
893	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part. 3)
894	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Flakiness & Elongation Index	IS 2386 (Part 1)
895	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
896	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials	IS 2386 (Part 2)



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897	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
898	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS 2386 (Part 1)
899	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
900	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	L.A. Abrasion Value	IS 2386 (Part 4)
901	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 microns	IS 2386 (Part1)
902	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size - 80.0, 63.0, 40.0, 20.0, 16.0, 12.5, 10.0, 4.75, 2.36 mm)	IS 2386 (Part 1)
903	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (With Magnesium Sulphate Solution)	IS 2386 (Part 5)
904	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (With Sodium Sulphate Solution)	IS 2386 (Part 5)
905	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
906	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
907	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines value	IS 2386 (Part 4)
908	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
909	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516 Part 1/Sec 1
910	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
911	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1/Sec. 1)
912	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Cylinder	Depth of Penetration of water under Pressure (Water Permeability Test)	IS 516 Part 2 Sec 1
913	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
914	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)



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915	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer Than 75 microns	IS 2386 (Part 1)
916	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
917	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size - 10.0, 4.75, 2.36, 1.18, 0.600, 0.300, 0.150 & 0.075 mm)	IS 2386 (Part 1)
918	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness Test (With Magnesium Sulphate Solution)	IS 2386 (Part 5)
919	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness Test (With Sodium Sulphate Solution)	IS 2386 (Part 5)
920	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
921	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
922	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Materials	IS 2386 (Part 2)
923	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength at 28 Days	IS 1727
924	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain's permeability method	IS 1727
925	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
926	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle retained on 45 micron	IS 1727
927	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727
928	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
929	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
930	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (length, Width & Height)	IS 12894
931	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Efflorescence	IS 3495 (Part. 3)
932	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)



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933	MECHANICAL- BUILDINGS MATERIALS	High Silica Refractory Material	Bulk Density	IS 1528 (Part 12)
934	MECHANICAL- BUILDINGS MATERIALS	High Silica Refractory Material	Cold Crushing Strength	IS 1528 (Part 4)
935	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
936	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
937	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolt	Proof Load Test	IS 1367 Part 3
938	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolt	Proof Load Test	ISO 898 - 1
939	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Elongation	IS 1608 Part 1
940	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Micro Vicker's Hardness (HV0.1, HV0.2, HV0.3, HV0.5 & HV1)	IS 1501 Part 1
941	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Reduction Area	IS 1608 Part 1
942	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Rockwell Hardness HRBW	IS 1586 Part 1
943	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Tensile Strength	IS 1608 Part 1
944	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Vicker's Hardness HV5	IS 1501 Part 1
945	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper Materials, Alloys & Products	Yield Strength / 0.2% Proof Stress	IS 1608 Part 1
946	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler	Breaking Load	IS 1608 Part 1
947	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler	Elongation at Maximum Force	IS 1608 Part 1



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948	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler	Location of Failure	IS 1608 Part 1
949	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COUPLER	SLIP TEST	IS 16172
950	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler	Tensile Strength	IS 1608 Part 1
951	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Charpy Impact "V" Notch Room Temp. to -60 °C	ISO 148 Part 1
952	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Dimensions (Length, Width, Thickness & Area)	IS 2062
953	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Elongation	IS 1608 Part 1
954	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Elongation	ISO 6892 (Part 1)
955	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Elongation at Elevated temp. up to 900 °C	ASTM E21
956	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Elongation at Elevated temp. up to 900 °C	ISO 6892(Part 2)
957	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Reduction Area	IS 1608 Part 1
958	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Reduction Area	ISO 6892 (Part 1)
959	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Reduction Area at Elevated temp. up to 900 °C	ASTM E21
960	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Reduction Area at Elevated temp. up to 900 °C	ISO 6892 (Part 2)
961	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Tensile Strength	IS 1608 (Part 1)



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962	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Tensile strength at Elevated temp. up to 900 °C	ASTM E21
963	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Tensile strength at Elevated temp. up to 900 °C	ISO 6892 Part 2
964	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Tensile Strength Test	ISO 6892 (Part 1)
965	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Yield strength / 0.2% Proof stress at Elevated temp. up to 900degree C	ISO 6892 (Part 2)
966	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Yield Stress / 0.2% proof Stress	IS 1608 Part 1
967	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Yield Stress / 0.2% Proof Stress	ISO 6892 (Part 1)
968	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Materials	Yield Stress / 0.2% Proof Stress at Elevated Temp. up to 900 °C	ASTM E21
969	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	0.2% Proof Load	IS 1608 Part 1
970	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Cross Sectional Area	IS 14268
971	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Diameter	IS 14268
972	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Difference Between Centre Wire Diameter & Surrounding Wire Diameter	IS 14268
973	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Elongation at Maximum Force	IS 1608 Part 1
974	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Load at 1.0 % Extension	IS 1608 Part 1
975	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT STRAND	Mass / Metre	IS 14268



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976	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT STRAND	Modulus of Elasticity	IS 1608 Part 1
977	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT STRAND	Tensile Strength	IS 1608 Part 1
978	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT STRAND	Length of Lay	IS 14268
979	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand	Breaking Load	IS 1608 Part 1
980	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield strength / 0.2% Proof stress at Elevated temp. up to 900degree C	ISO 6892 (Part 2)
981	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Bend Test	IS 1599
982	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Brinell Hardness HBW (2.5/187.5, 5/750 & 10/3000)	ASTM E10
983	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Brinell Hardness HBW (2.5/187.5, 5/750 & 10/3000)	IS 1500 (Part 1)
984	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact "U" Notch at room temp.	ASTM A 370
985	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact "U" Notch at room temp.	IS 1757 (Part 1)
986	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact "U" Notch at room temp.	ISO 148 Part 1
987	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact "V" Notch Room Temp. to -60 °C	ASTM A 370
988	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact "V" Notch Room Temp. to -60 °C	IS 1757 (Part 1)
989	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation	ASTM A370



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990	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation	ASTM E8/E8M
991	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation	IS 1608 Part 1
992	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation	ISO 6892 (Part 1)
993	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation at Elevated temp. up to 900 °C	ASTM E21
994	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation at Elevated temp. up to 900 °C	ISO 6892(Part 2)
995	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation at Maximum Force	IS 1608 Part 1
996	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation at Maximum Force	IS 1608 Part 1
997	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Izod Impact "V" Notch	ASTM A 370
998	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Izod Impact "V" Notch	ASTM E 23
999	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Izod Impact "V" Notch	IS 1598
1000	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Micro Vickers Hardness (HV0.1, HV0.2, HV0.3, HV0.5 & HV1)	IS 1501 (Part 1)
1001	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction Area	ASTM A 370
1002	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction Area	ASTM E8/E8M
1003	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction area	IS 1608 Part 1



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1004	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction Area	ISO 6892 (Part1)
1005	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction Area at Elevated temp. up to 900 °C	ASTM E21
1006	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction Area at Elevated temp. up to 900 °C	ISO 6892 (Part 2)
1007	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale A	ASTM E 18
1008	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale A	IS 1586 (Part 1)
1009	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale B	ASTM A 370
1010	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness scale B	ASTM E 18
1011	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale B	IS 1586 (Part 1)
1012	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale C	ASTM A 370
1013	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale C	ASTM E 18
1014	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rockwell Hardness Scale C	IS 1586 (Part 1)
1015	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Strength	ASTM A 370
1016	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Strength	ASTM E8/E8M
1017	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile strength	IS 1608 Part 1



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1018	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Strength	ISO 6892 (Part 1)
1019	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile strength at Elevated temp. up to 900 °C	ASTM E21
1020	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile strength at Elevated temp. up to 900 °C	ISO 6892 (Part 2)
1021	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness (HV10)	IS 1501 (Part 1)
1022	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness (HV30)	IS 1501 (Part 1)
1023	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness (HV5)	IS 1501 (Part 1)
1024	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield stress / 0.2% Proof Stress	ASTM A 370
1025	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress / 0.2% Proof Stress	ASTM E8/E8M
1026	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress / 0.2% Proof stress	IS 1608 Part 1
1027	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress / 0.2% Proof stress	ISO 6892 (Part 1)
1028	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress / 0.2% Proof Stress at Elevated Temp. up to 900 °C	ASTM E21
1029	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non ferrous Material	Bend test	IS 1599
1030	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nut	Proof Load Test	IS 1367 Part 6
1031	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nut	Proof Load Test	IS 6623



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1032	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nut	Proof Load Test	ISO 898 - 2
1033	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe / Tube	Bend Test	ASTM A370
1034	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe / Tube	Bend Test	ASTM E290
1035	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe / Tube	Flattening Test	ASTM A370
1036	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe / Tube material	Drift expansion test (30° to 60°)	IS 2335
1037	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe Material	Flattening Test	IS 2328
1038	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe/Tube	Flattening Test	ASTM A370
1039	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	0.2% Proof Stress	IS 1608 Part 1
1040	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Diameter	IS 6003
1041	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Elongation	IS 1608 Part 1
1042	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Mass / Metre	IS 6003
1043	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Stress at 1.0 % Extension	IS 1608 Part 1
1044	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Tensile Strength	IS 1608 Part 1
1045	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressed Concrete Wire	Reverse Bend Test	IS 6003



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1046	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar	Bend Test	IS 1599
1047	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Mass per Meter	IS 16651
1048	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Re bend Test	IS 1786
1049	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Re-bend Test	IS 16651
1050	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar	Weight per meter	IS 1786
1051	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Elongation	IS 1608 Part 1
1052	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Elongation at Maximum Force	IS 1608 Part 1
1053	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Tensile Strength	IS 1608 Part 1
1054	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Yield Stress / 0.2% Proof stress	IS 1608 Part 1
1055	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Sheet / Strip Material	Erichsen Cupping test	IS 10175
1056	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tube / pipe	Mass of Tube / pipe	IS 1239 Part 1
1057	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tube / Pipe	Outside Diameter	IS 1239 Part 1
1058	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tube / Pipe	Wall Thickness	IS 1239 Part 1
1059	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded Material	Breaking Load	AWS D 1.1 / D 1.1M



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1060	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Root Bend, Face Bend & Side Bend)	ASME Section IX
1061	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Root Bend, Face Bend & Side Bend)	AWS D1.1/ D1.1M
1062	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Root Bend, Face Bend & Side Bend)	IS 3600 Part 5
1063	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Breaking Load	ASME Section IX
1064	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile strength	ASME Section IX
1065	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Strength	AWS B 4.0
1066	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile strength	AWS D1.1 /D1.1M
1067	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Breaking Load	IS 3600 Part 3
1068	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Charpy Impact "V" Notch Room Temp. to -60 degree C	ASME Section IX
1069	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Charpy Impact "V" Notch Room Temp. to -60 degree C	AWS D 1.1 / D 1.1M
1070	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Charpy Impact "V" Notch Room Temp. to -60 degree C	IS 3600 Part 2
1071	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Elongation	AWS B 4.0
1072	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Elongation	AWS D 1.1 / D 1.1M
1073	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Elongation	IS 3600 Part 4



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1074	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Reduction Area	AWS B 4.0
1075	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Reduction Area	AWS D 1.1 / D 1.1M
1076	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Reduction Area	IS 3600 Part 4
1077	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Tensile strength	IS 3600 Part 4
1078	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Transverse Tensile strength	IS 3600 Part 3
1079	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Yield stress / 0.2% Proof Stress	AWS B 4.0
1080	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Yield stress / 0.2% Proof Stress	AWS D 1.1 / D 1.1M
1081	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Materials	Yield stress / 0.2% Proof Stress	IS 3600 Part 4
1082	MECHANICAL-METALLOGRAPHY TEST	Ferrous/Non Ferrous Materials	IGC Test Method A	ASTM G28
1083	MECHANICAL-METALLOGRAPHY TEST	Metallic Material	IGC Test, Practice 'Z'	ASTM A763
1084	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Case Depth by hardness method	IS 6416
1085	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Case Depth by microscopic method	IS 6416
1086	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Depth of Decarburization by microscopic method	ASTM E 1077
1087	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Depth of Decarburization by microscopic method	IS 6396
1088	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Estimation of grain size by microscopic comparison (ASTM No. 1-10)	ASTM E 112



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1089	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Estimation of grain size by microscopic comparison (ASTM No. 1-10)	IS 4748
1090	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Estimation of grain size by microscopic comparison method	ISO 643
1091	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Inclusion rating K4 Value	DIN 50602
1092	MECHANICAL-METALLOGRAPHY TEST	Metallic products	Inclusion rating method A & B	IS 4163
1093	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Inclusion Rating Method A & B	ISO 4967
1094	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Inclusion rating method A & D	ASTM E 45
1095	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Jominy Hardenability Test	IS 3848
1096	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Macro Analysis	ASTM E 381
1097	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Macro analysis	IS 11371
1098	MECHANICAL-METALLOGRAPHY TEST	Metallic Products	Macro Etch testing	ASTM A604
1099	MECHANICAL-METALLOGRAPHY TEST	Metallic Products / cast iron	Micro structure analysis	ASM Vol. 9
1100	MECHANICAL-METALLOGRAPHY TEST	Metallic Products / Cast iron	Micro structure analysis	IS 7754 Part 1
1101	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	IGC Test Practice E	ASTM A262
1102	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	IGC Test, Practice A	ASTM A262
1103	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	IGC Test, Practice B, C & F	ASTM A262
1104	MECHANICAL-METALLOGRAPHY TEST	Welded Material	Fillet Weld Fracture Test	ASME Section IX
1105	MECHANICAL-METALLOGRAPHY TEST	Welded Material	Fillet Weld Fracture Test	AWS D 1.1 / D 1.1M
1106	MECHANICAL-METALLOGRAPHY TEST	Welded Material	Fillet Weld Fracture Test	IS 3600 Part 8



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1107	MECHANICAL- METALLOGRAPHY TEST	Welded Material	Macro Examination	ASME Section IX
1108	MECHANICAL- METALLOGRAPHY TEST	Welded Material	Macro Examination	AWS D 1.1 / D 1.1M
1109	MECHANICAL- METALLOGRAPHY TEST	Welded Material	Macro Examination	IS 3600 Part 9
1110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Products	Elongation	ASTM D638
1111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymers	Izod Impact resistance	ASTM D256
1112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymers	Melt Flow Index (MFI)	ASTM D1238
1113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymers	Tensile Strength	ASTM D638
1114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic products	Hardness	ASTM D2240
1115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water stops	Accelerated Extraction Test (Elongation)	IS 15058
1116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Accelerated Extraction Test (Tensile Strength)	IS 15058
1117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Cold Bend	IS 9766 Annex. G
1118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Elongation at break %	IS 15058
1119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Hardness	IS 13360 (Part 5) section 11
1120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Stability in effects of Alkalies Test - Dimension Change	IS 15058 Annex. C
1121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Stability in effects of Alkalies Test- a) Weight increase at 7 days	IS 15058 Annex. C
1122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Stability in effects of Alkalies Test-b) Weight decrease at 28 days	IS 15058 Annex. C
1123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Stability in effects of Alkalies Test-b) Weight decrease at 7 days	IS 15058 Annex. C



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1124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water stops	Stability in effects of Alkalies Test-b) Weight increase at 28 days	IS 15058 Annex. C
1125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Stability in effects of Alkalies Test-c) Change in Hardness at 7 days	IS 13360 (Part 5/Sec 11)
1126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stops	Tensile Strength	IS 15058
1127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Average Wall Thickness	IS 4985
1128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Maximum Diameter at any Point	IS 4985
1129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Maximum Outside Diameter	IS 4985
1130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Maximum Wall Thickness	IS 4985
1131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Mean Outside Diameter	IS 4985
1132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Minimum Diameter at any Point	IS 4985
1133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Minimum Outside Diameter	IS 4985
1134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipe	Minimum Wall Thickness	IS 4985
1135	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness Shore A	ASTM D2240
1136	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness Shore A	ASTM D2240
1137	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness, Shore A	ASTM D2240
1138	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Products	Elongation at Break	IS 3400 Part 1
1139	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Products	Tensile Strength	IS 3400 Part 1
1140	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent porosity	IS 1124
1141	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent specific gravity	IS 1124



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1142	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Durability	IS 1126
1143	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water absorption	IS 1124
1144	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soak & Unsoak)	IS 2720 (Part 16)
1145	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
1146	MECHANICAL- SOIL AND ROCK	Soil	Direct Shearing test (Cohesion Value)	IS 2720 (Part 13)
1147	MECHANICAL- SOIL AND ROCK	Soil	Dry Density of Soils In-Place, by Core cutter method	IS 2720 (Part 29)
1148	MECHANICAL- SOIL AND ROCK	Soil	Dry Density of Soils In-Place, by Sand replacement method	IS 2720 (Part 28)
1149	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
1150	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
1151	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part 5)
1152	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS 2720 (Part 4)
1153	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
1154	MECHANICAL- SOIL AND ROCK	Soil	Water Content-Dry Density relation using Heavy Compaction - MDD	IS 2720 (Part 8)
1155	MECHANICAL- SOIL AND ROCK	Soil	Water Content-Dry Density relation using Heavy Compaction - OMC	IS 2720 (Part 8)
1156	MECHANICAL- SOIL AND ROCK	Soil	Water Content-Dry Density relation using Light Compaction - MDD	IS 2720 (Part 7)
1157	MECHANICAL- SOIL AND ROCK	Soil	Water Content-Dry Density relation using Light Compaction - OMC	IS 2720 (Part 7)



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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sampling of Gaseous Pollutants	IS 5182 Part 5
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise / Industrial Noise	Noise Monitoring	Protocol for Ambient Level Noise Monitoring (CPCB):2015
3	CHEMICAL- ATMOSPHERIC POLLUTION	DG Set / Other Source Noise	Noise Monitoring	Protocol for Ambient Level Noise Monitoring (CPCB):2015
4	CHEMICAL- ATMOSPHERIC POLLUTION	DG set / Other Source Noise	Sound / Noise Level	IS 9989
5	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Sound / Noise Level	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sampling of Stack Emission (Flow Rate)	IS 11255 Part 3
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer	IS 13311 (Part 2)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Pile Integrity Test	IS 14893
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 516 Part 5 / Sec 4
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultra Sonic Pulse Velocity (UPV) Test	IS 516 (Part 5 Sec 1)