National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IAC ELECTRICALS PRIVATE LIMITED (TESTING LABORATORY), UNIT 11, SANKRAIL INDUSTRIAL PARK, PLOT NO. 53, VILLAGE JALADHULAGORI, PO DHULAGORI, BOMBAY ROAD (NH-6), HOWRAH, WEST BENGAL, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Insulator Pins (Up to 33 kv)	Mass Of Zinc Coating Test	IS 6745
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Insulator Pins (Up to 33 kv)	Mass Of Zinc Coating Test	ISO 1461
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Insulator Pins (Up to 33 kv)	Uniformity of Zinc Coating Test	IS 2633
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Insulator Pins (Up to 33 kv)	Uniformity Of Zinc Coating Test	ISO 1461
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Stay Sets (Up To 33 Kv)	Adhesion Test	IS 2629
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Stay Sets (Up To 33 Kv)	Mass Of Zinc Coating Test	IS 6745
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Stay Sets (Up To 33 Kv)	Mass Of Zinc Coating Test	ISO 1461
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Stay Sets (Up To 33 Kv)	Uniformity Of Zinc Coating Test	IS 2633
9	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I .Stay Sets (Up To 33 Kv)	Uniformity Of Zinc Coating Test	ISO 1461
10	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Coating Thickness	IS 3203
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Mass Of Zinc Coating Test	IS 6745
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Uniformity Of Coating	IS 2633
13	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Chromium	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Copper	ASTM E 1251

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15	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Iron	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Lead	ASTM E 1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Magnesium	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Manganese	ASTM E 1251
19	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Nickel	ASTM E 1251
20	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Silicon	ASTM E 1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Tin	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Titanium	ASTM E 1251
23	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloy	Zinc	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	Low Alloy Steels	Carbon	IS 8811
25	CHEMICAL- METALS & ALLOYS	Low Alloy Steels	Manganese	IS 8811
26	CHEMICAL- METALS & ALLOYS	Low Alloy Steels	Phosphorous	IS 8811
27	CHEMICAL- METALS & ALLOYS	Low Alloy Steels	Silicon	IS 8811
28	CHEMICAL- METALS & ALLOYS	Low Alloy Steels	Sulphar	IS 8811
29	CHEMICAL- METALS & ALLOYS	Zinc Coated Iron, Steel & Steel wire	Uniformity of Coating	BS 443
30	CHEMICAL- METALS & ALLOYS	Zinc Coated Iron, Steel & Steel wire	Uniformity of Coating	IS: 2633
31	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Visual Examination	BS 3288 Part I

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32	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid Span Compression Joint	Visual Examination	IS 2121 PART III
33	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for ACSR/AAAC/AAC conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) P.G.Clamp g)Preformed Armour Rod h) Earth wire Tension Clamp/Mid span joint/Flexible copper bond/ Binding wire. i) Electrical power connectors	DC Resistance Test/Conductivity	IEC 61284
34	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for ACSR/AAAC/AAC conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) P.G.Clamp g)Preformed Armour Rod h) Earth wire Tension Clamp/Mid span joint/Flexible copper bond/ Binding wire. i) Electrical power connectors	DC Resistance Test/Conductivity	IS 2121 Part II
35	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for ACSR/AAAC/AAC conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) P.G.Clamp g)Preformed Armour Rod h) Earthwire Tension Clamp/Mid span joint/Flexible copper bond/ Binding wire. i) Electrical power connectors	DC Resistance Test/Conductivity	IS 5561
36	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) AAAC/AAC/ ACSR Conductor g) P.G. Clamp h) Electrical power connectors	Heating Cycle/ Temperature Rise	BS 3288
37	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) AAAC/AAC/ ACSR Conductor g) P.G. Clamp h) Electrical power connectors	Heating Cycle/ Temperature Rise	IEC 61284
38	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) AAAC/AAC/ ACSR Conductor g) P.G. Clamp h) Electrical power connectors	Heating Cycle/ Temperature Rise	IS 2486 Part I
39	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) Al. compression type D/End clamp for conductor b) Al. Repair Sleeve c) Mid Span Joint d)T-Connector e) Line Tap f) AAAC/AAC/ ACSR Conductor g) P.G. Clamp h) Electrical power connectors	Heating Cycle/ Temperature Rise	IS 5561
40	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	a) All type of Rigid Spacer, Spacer Damper & Vibration Damper. b)ALL type Pilot & AGS suspension strings.	Magnetic Power Loss	IEC 61284
41	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AAC/AAAC/HTLS/ACSR Conductor	DC Electrical Resistance Test	BS EN 50182

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42	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AAC/AAAC/HTLS/ACSR Conductor	Resistance Test	IS 398 PART 1
43	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AAC/AAAC/HTLS/ACSR Conductor	Resistance Test	IS 398 PART 2
44	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AAC/AAAC/HTLS/ACSR Conductor	Resistance Test	IS 398 PART 4
45	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AAC/AAAC/HTLS/ACSR Conductor	Resistance Test	IS 398 PART 5
46	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Characterization Of The Elastic And Damping Properties	IEC 61854
47	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Clamp Bolt Tightening Test	IEC 61854
48	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Clamp Slip Test(Torsional)	IEC 61854
49	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	DC Electrical Resistance Test	IEC 61854
50	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Flexibility Test	IEC 61854
51	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Movement Test(Longitudinal Movement)	IS 10162
52	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Movement Test(Torsional/Angular Movement)	IS 10162

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53	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Movement Test(Vertical Movement)	IS 10162
54	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Verification Of Dimensions	IEC 61854
55	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Verification Of Dimensions	IS 10162
56	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Vibration Test(Longitudinal)	IS 10162
57	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Vibration Test(Vertical)	IS 10162
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Visual Examination	IEC 61854
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Rigid Spacers/ Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Visual Examination	IS 10162
60	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	All Type Spacer Dampers For ACSR/AAC/AAAC/HTLS Conductors	Log Decrement Test	IS 10162
61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium 'T' Connector For ACSR/AAC/AAAC/HTLS Conductors	Dc Electrical Resistance Test/Conductivity Test	BS 3288 Part I
62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium 'T' Connector For ACSR/AAC/AAAC/HTLS Conductors	Dc Electrical Resistance Test/Conductivity Test	IS 2486 PART I
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Compression Type Dead End Clamp For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance Test/Conductivity Test	BS 3288 Part-I

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64	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Mid Span Compression Joint For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance Test/Conductivity Test	BS 3288 Part I
65	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Mid Span Compression Joint For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance Test/Conductivity Test	BS 3288 Part I
66	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Mid Span Compression Joint For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance Test/Conductivity Test	IS:2121 PART II
67	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Mid Span Compression Joint For Acsr/Aac/Aaac/Htls Conductors	Verification Of Dimensions	IS 2121 PART II
68	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	ALUMINIUM MID SPAN COMPRESSION JOINT FOR ACSR/AAC/AAAC/HTLS CONDUCTORS	VISUAL EXAMINATION	IS 2121 PART II
69	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Repaire Sleeve For ACSR/AAC/AAAC/HTLS Conductors	Dc Electrical Resistance /Conductivity Test	IS:2121 PART II
70	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Repaire Sleeve For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance Test/Conductivity Test	BS 3288 Part I
71	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rods	Bend Test	IS 2121 PART I
72	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rods	Resilience Test	IS 2121 PART I
73	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rods	Verification Of Dimensions	IS 2121 PART I
74	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rods	Visual Examination	IS 2121 PART I

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75	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rods/Binding Wires/Tapes	Wrapping Test	IS 2121 PART I
76	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	D.C Resistance Tests	IS 5561
77	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	D.C Resistance Tests	IS:5561
78	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	Temperature-Rise Test	IS 5561
79	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	Tensile Tests	IS 5561
80	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	Tensile Tests	IS:5561
81	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Clamps & Connectors	Visual & Dimension Verification	IS 5561
82	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Copper Rods	D.c. Resistance/conductivity/resistivity	IS 191
83	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Danger plate/number plate/circuit plate/phase plate	Colour retention test/weather proofness test	ASTM C 538
84	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Danger plate/number plate/circuit plate/phase plate	Colour retention test/weather proofness test	IS 8709
85	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Earth Wire	Electrical d.c. Resistance /resistivity test	IS 12776

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86	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Earthing Materials	Electricals Resistivity Test	IEC 62561
87	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Earthwire Mid Span Compression Joint	Dc Electrical Resistance /Conductivity Test	IS 2121 PART III
88	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Earthwire Tension Clamp	Dc Electrical Resistance /Conductivity Test	IS 2121 PART III
89	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Flexible Copper Bond/Binding Wire	Flexible Copper Bond/Binding Wire	IS 2121 PART III
90	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Flexible Copper/Aluminium Bond	Verification Of Dimensions	IS 2121 PART III
91	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Flexible Copper/Aluminium Bond	Visual Examination	IS 2121 PART III
92	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Helically Formed Fittings(Upto 33 Kv)	Electrical D.C.Resistance Test(For All Aluminium Alloy Fittings)	IS 12048
93	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Slip Strength Test	IEC 61284
94	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Slip Strength Test	IEC 61284
95	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Slip Strength Test	IS 2486 PART I
96	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Vibration Test	IACEPL/SOP/03

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97	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator Hardware Fittings	Visual Examination	IS 2486 PART I
98	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Locking Device	Resistance To Internal Corrosion Test	IS 2305
99	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Locking Device	Verification Of Dimension	IEC 60372
100	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Locking Device	Verification Of Resistance To Bending	IS 2486 PART IV
101	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lugs	Electrical Dc Resistance test	IS 8309
102	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lugs	Temperature Test	IS 8309
103	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid Span Compression Joint	Verification Of Dimensions	IS 2121 PART III
104	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	P.G.Clamp For Acsr/Aac/Aaac/Htls Conductors	Dc Electrical Resistance /Conductivity Test	IS 5561
105	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity Test	ANSI C29.5
106	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity Test	IEC 60168
107	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity Test	IS 1445

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108	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity Test	IS 731
109	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity Test	IS 7421
110	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Post Insulators	Bending Test Along With Deflection	IEC 60168
111	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Post Insulators	Tensile Strength Test	IEC 60168
112	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Post Insulators	Torsion Test	IEC 60168
113	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain/Glass Insulators/Insulator String	Mechanical Strength Test	IEC 60383-1
114	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Preformed Armour Rods	Dc Electrical Resistance /Conductivity Test	IS 2121 PART 1
115	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Silicone Rubber Composite Insulators	Assembled Core Load Time Test	IEC 61109
116	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Silicone Rubber Composite Insulators	Damage Limit Proof Test & Test Of The Tightness Of The Interface Between End Fitting And Insulator Housing	IEC 61109
117	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Silicone Rubber Composite Insulators	Mechanical Load Time Test (Type Test Clause 6.4)	IEC 61109
118	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Silicone Rubber Composite Insulators	Porosity/Dye Penetration Test	IEC 62217

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119	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Silicone Rubber Composite Insulators	Torsion Test	IEC 60168
120	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamp Assembly	Verification Of Dimensions	IS 2121 PART III
121	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamp Assembly	Visual Examination	IS 2121 PART III
122	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Clamp Assembly	Verification Of Dimensions	IS 2121 PART III
123	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Clamp Assembly	Visual Examination	IS 2121 PART III
124	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Clamp Bolt Tightening Test	IEC 61897
125	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Resonance Frequency Test	IS 9708
126	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Verification Of Dimensions	IEC 61897
127	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Verification Of Dimensions	IS 9708
128	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Visual Examination	IEC 61897
129	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Dampers For ACSR/AAC/AAAC/HTLS Conductors	Visual Examination	IS 9708

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130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Diameter Of Individual Wire(Al.)	IS: 398 PART I
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Diameter of individual wire(al.)/steel wire	IS 398 PART II
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Breaking load of all individual al. Wire/steel wire	IS 398 PART II
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Breaking load of all individual al. Wire/steel wire	IS 398 PART 5
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Breaking load of all individual al. Wire/steel wire	IS 398 PART III
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Breaking load of all individual al. Wire/steel wire	IS 398 PART IV
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Diameter Of Individual Wire(Al.)	IS 398 PART 4
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Diameter of individual wire(al.)/steel wire	IS 398 PART 5
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Ductility(Elongation/Torsion)	IS 398 PART II
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC Conductors	Lay Ratio/Direction Of Lay	IS 398 PART II
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Breaking Strength Test	IEC 62420
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Breaking Strength Test Of Wires	IEC 62219
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Breaking Strength Test Of Wires After Standing	IEC 62420
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ductility(Elongation/Torsion)	IS 398 PART III

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144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ductility(Elongation/Torsion)	IS 398 PART 5
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ductility(Elongation/Torsion)	IS 398 PART 4
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ductility(Elongation/Torsion)	IS 398 PART I
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Freedom From Defects	IS 398 PART I
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	BS EN 50182
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IEC 62219
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IEC 62420
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IS 398 PART 4
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IS 398 PART 5
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IS 398 PART I
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Lay Ratio/Direction Of Lay	IS 398 PART III
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Stress & Strain Test O Stranded Conductor & Core At Room & Elevated Temperature	IS 398 PART II
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Tensile Breaking Strength Test	BS EN 50182
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Tensile Test	IEC 62219

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158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ultmate Breaking Load Test	IS 398 PART 3
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ultmate Breaking Load Test	IS 398 PART 4
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ultmate Breaking Load Test	IS 398 PART 5
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ultmate Breaking Load Test	IS 398 PART I
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/ACSR Conductors	Ultmate Breaking Load Test	IS 398 PART II
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/HTLS/ACSR Conductors	Warpping (al. & steel) test	IS 398 PART 1
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/HTLS/ACSR Conductors	Warpping(al. & steel) test	IS 398 PART 2
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/HTLS/ACSR Conductors	Warpping(al. & steel) test	IS 398 PART 3
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/HTLS/ACSR Conductors	Warpping(al. & steel) test	IS 398 PART 4
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	AAC/AAAC/HTLS/ACSR Conductors	Warpping(al. & steel) test	IS 398 PART 5
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor Strand/Core	Bending Test On Aluminium Clad Core	PGCIL SPECIFICATION
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor Strand/Core	Bending Test On Composite Core	PGCIL SPECIFICATION
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor Strand/Core	Brittle Fracture Test On Composite Core	PGCIL SPECIFICATION
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor Strand/Core	Coefficient Of Linear Expansion On Core/Core Wire	PGCIL SPECIFICATION

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172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor Strand/Core	Compression Test On Aluminium Clad Core	PGCIL SPECIFICATION
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Claded Earth Rods	Adhesion Test	IEC 62561-2
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Claded Earth Rods	Bend Test	IEC 62561-2
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Claded Earth Rods	Tensile Strength Test	IEC 62561-2
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Danger Plate/Number Plate/Circuit Plate/Phase Plate	Adhesion Test	BS EN 10209
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Earth Wire	Breaking Force	IS 12776
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fe base Steel	Rockwell Hardness Test HRB	IS 1586
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I .Stay Sets (Up To 33 Kv)	Mechanical Load Test	IS 2486
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Barbed Wire	Tensile Strength Test	IS 278
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helically Formed Fittings(Upto 33 Kv)	Resilience Test(For Conductor Dead Ends,Guy Grips & Splices)	IS 12048
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helically Formed Fittings(Upto 33 Kv)	Slip Strength Test(For Conductor Dead Ends,Guy Grips & Splices)	IS 12048:1
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helically Formed Fittings(Upto 33 Kv)	Tensile Strength Test	IS 12048
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helically Formed Fittings(Upto 33 Kv)	Wrapping Test	IS 12048
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Htls Conductors	Aeolian Vibration Test	PGCIL SPECIFICATION

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186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Htls Conductors	Axial Impact Test	PGCIL SPECIFICATION
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Htls Conductors	Radial Crush Test	PGCIL SPECIFICATION
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Htls Conductors	Sheaves Test	PGCIL SPECIFICATION
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Aeolian Vibration Test	IEEE 1138
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Creep Test	IEEE 1138
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Crush Test	IEEE 1138
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Galloping Test	IEEE 1138
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Impact Test	IEEE 1138
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Sheave Test	IEEE 1138
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Stress & Strain Test	IEEE 1138
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Temperature Cycle Test	IEEE 1138
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Opgw Conductors	Tensile Performance Test	IEEE 1138
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Silicone Rubber Composite Insulators	Grading Device Test	PGCIL SPECIFICATION
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Bend Test	IS 1599

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200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel,m.s. Rods,cast iron,steel tube, earth wire,barbed wire & galvanized stay strand	Elongation %	IS 1608 PART I
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel,m.s. Rods,cast iron,steel tube, earth wire,barbed wire & galvanized stay strand	Ultimate Tensile Strength Test	IS 1608 PART I
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel,m.s. Rods,cast iron,steel tube, earth wire,barbed wire & galvanized stay strand	Yield Strength Test	IS 1608 PART I
203	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	A.B. Cable suspension clamp with bracket	Mechanical Strength Test	NFC 33040
204	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	AAC/AAAC Conductors	Breaking load of all individual AL. Wire	IS 398 PART I
205	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	G.I .Insulator Pins (Up To 33 Kv)	Freedom From Defects	IS 2486 PART I:
206	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	G.I .Insulator Pins (Up To 33 Kv)	Mechanical Test	BS 3288 PART II
207	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	G.I .Insulator Pins (Up To 33 Kv)	Verification Of Dimension	BS 3288 PART II
208	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	G.I .Insulator Pins (Up To 33 Kv)	Verification Of Dimension	IS 2486 PART II
209	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanized Barbed Wire	Visual & Dimension Verification	IS 278
210	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanized Barbed Wire	Wrapping Test	IS 278
211	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Characteristics of the elastic and damping properties	IEC 61854
212	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Compression and Tension Test on Spacers	IEC 61854
213	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Damper Characteristics Test of Vibration Damper	IEC 61897

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214	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Damper Efficiency Test	IEC 61897
215	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Damper Efficiency Test	IS 9708
216	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dimension Check	BS 3288 part1
217	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dimension Check	IEC 61854
218	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dimension Check	IEC 61897
219	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dimension Check	IS 2121 Part 2:
220	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dimension Check	IS 5561
221	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Dynamic Characteristics Test of Vibration Damper	IS 9708 :
222	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Failing Load Test (Slip strength test)	IS 2121 Part II:
223	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Fatigue Test of Spacer Damper	IEC 61854
224	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Fatigue Test of Vibration Damper	IEC 61897
225	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Fatigue Test of Vibration Damper	IS 9708
226	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IS 2121 Part 4
227	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IACEPL/SOP/01/B Issue

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228	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IEC 61284
229	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IEC 61854
230	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IEC 61897
231	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IS 10162
232	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IS 2121 Part I:
233	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IS 2486 Part I
234	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Accessories)	IS 9708
235	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 2121 Part I
236	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IACEPL/SOP/01/B
237	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IEC 61284
238	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IEC 61854
239	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IEC 61897
240	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 10162
241	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 2121 Part 4

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242	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 2486 Part I
243	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 9708
244	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Component)	IS 9708
245	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String	IEC 61854
246	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IACEPL/SOP/01/B I
247	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IEC 61284
248	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IEC 61897
249	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 10162
250	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 2121 Part 4
251	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 2121 Part I
252	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 2121 Part I
253	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 2486 Part I
254	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Mechanical Strength Test(Hardware String)	IS 9708
255	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Movement Test	IS 10162

SCOPE OF ACCREDITATION

Laboratory Name : IAC ELECTRICALS PRIVATE LIMITED (TESTING LABORATORY), UNIT 11, SANKRAIL INDUSTRIAL PARK, PLOT NO. 53, VILLAGE JALADHULAGORI, PO DHULAGORI, BOMBAY ROAD (NH-6), HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
256	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IACEPL/SOP/01/B
257	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IEC 61284
258	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IEC 61854
259	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IEC 61897
260	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IS 10162
261	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IS 2121 Part 4
262	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IS 2121 Part I
263	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IS 2486 Part I
264	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Resilient test	IS 9708
265	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Slip Strength Test	IEC 61284
266	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Slip Strength Test	IS 2486 Part I
267	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Tensile Load Test & Compression & Pull Off Test	IEC 61854
268	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Tensile Test	IEC 61284
269	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Test For Locking Device	IEC 60372

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270	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Test For Locking Device	IS: 2486 Part 4
271	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electrical Power Connector	Vibration Test of Complete Insulator Fittings with Hardware Fittings	IACEPL/SOP/01/A
272	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IEC 61854
273	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 3
274	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	BS 3288 -1
275	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IEC 61897
276	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 4
277	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 1
278	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 1
279	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 2
280	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 3
281	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2121 Part 4
282	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2486 Part 1
283	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 2486 Part 1

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284	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 5561
285	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 9708
286	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Group 1: Insulator Hardware and Accessories Fittings for overhead transmission Line above >1000V & Electricals Power Connector	Dimension Checked	IS 9708
287	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically Formed Fittings(Upto 33 Kv)	Pull-Off Strength Test(For Distribution Ties)	IS 12048
288	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically Formed Fittings(Upto 33 Kv)	Unbalanced Load Test(For Ties)	IS 12048
289	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Breaking Shear Head Torque For Insulation Piercing Connectors	NFC 33020
290	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Effect Of Tightening On Branch Core	NFC 33021
291	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Effect Of Tightening On Main Core	NFC 33021
292	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Mechanical Test	NFC 33020
293	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Mechanical Test	NFC 33021
294	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulated Cable Accessories	Mechanical Test	NFC 33041
295	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Porcelain Post Insulators	Mechanical Failing Load Test	IEC 60168
296	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Porcelain Post Insulators	Test For Deflection Under Load	IEC:60168