National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELMEF TESTING AND CALIBRATION LABORATORIES PVT. LTD., RH-8, COUNTYWALK, VILLAGE-JHALARIA, INDORE, MADHYA PRADESH, 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
Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Carbon black content test	IS 14255
2	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cable	High Voltage- at room temperature	IS 14255
3	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Water absorption test (gravimetric)	IS 14255
4	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Bending test	IS 14255
5	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Conductor Resistance	IS 14255
6	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Dimensions, Thickness of Insulation & Sheath	IS 14255
7	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Elongation at break of Insulation & sheath	IS 14255
8	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Elongation Test on Messenger conductor	IS 14255
9	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Hot set test	IS 14255
10	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Shrinkage Test	IS 14255
11	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Wrapping Test	IS 14255
12	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100Volts	Breaking Load Test on Messenger Conductor	IS 14255
13	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Tensile strength at break of insulation & sheath	IS 14255
14	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for Working voltages up to and including 1100 Volts	Ageing in Air Oven	IS 14255
15	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Insulation Resistance Test	IS 14255
16	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and Including 1100 Volts	Tensile Strength for Aluminium	IS 14255
17	ELECTRICAL- CABLES & WIRES	Armoring of cables	Wrapping Test	IS 3975
18	ELECTRICAL- CABLES & WIRES	Armouring	Mass of Zinc coating	IS 3975

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19	ELECTRICAL- CABLES & WIRES	Armouring	Uniformity of Zinc coating	IS 3975
20	ELECTRICAL- CABLES & WIRES	Armouring Material	Resistivity test	IS 3975
21	ELECTRICAL- CABLES & WIRES	Armouring of cables	Dimensions	IS 3975
22	ELECTRICAL- CABLES & WIRES	Armouring of cables	Torsion test	IS 3975
23	ELECTRICAL- CABLES & WIRES	Cable	Bending test	IS 10810 (Part-50)
24	ELECTRICAL- CABLES & WIRES	Cable	Bleeding and blooming test	IS 10810 (Part-19)
25	ELECTRICAL- CABLES & WIRES	Cable	Dimensions	IS 10810 (Part-36)
26	ELECTRICAL- CABLES & WIRES	Cable	High Voltage (Water Immersion Test)	IS 10810 (Part-45)
27	ELECTRICAL- CABLES & WIRES	Cable	Hot Set Test	IS 10810 (Part-30)
28	ELECTRICAL- CABLES & WIRES	Cable	Insulation Resistance test	IS 10810 (Part-43)
29	ELECTRICAL- CABLES & WIRES	Cable	Loss of Mass Test	IS 10810 (Part-10)
30	ELECTRICAL- CABLES & WIRES	Cable	Torsion test	IS 10810 (Part 38)
31	ELECTRICAL- CABLES & WIRES	Cable	Winding test	IS 10810 (Part 39
32	ELECTRICAL- CABLES & WIRES	Cables	Cold Impact Test	IS 10810 (Part-21)
33	ELECTRICAL- CABLES & WIRES	Cables	Determination of the amount of halogen and gas evolution Corrosive & halogen acid gas	IS 10810 (Part-59)
34	ELECTRICAL- CABLES & WIRES	Cables	Flame retardant test, Swedish chimney test	IS 10810 (Part-61)
35	ELECTRICAL- CABLES & WIRES	Cables	Mass of Zinc coating	IS 10810 (Part 41)
36	ELECTRICAL- CABLES & WIRES	Cables	Measurement of Temperature index test	IS 10810 (Part-64)

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37	ELECTRICAL- CABLES & WIRES	Cables	Measurement of Oxygen index test	IS 10810 (Part-58)
38	ELECTRICAL- CABLES & WIRES	Cables	Oxygen index test	ASTM D 2863
39	ELECTRICAL- CABLES & WIRES	Cables	Persulphate Test	IS 10810 (Part-4)
40	ELECTRICAL- CABLES & WIRES	Cables	Resistivity test on armoring material	IS 10810 (Part-42)
41	ELECTRICAL- CABLES & WIRES	Cables	Shrinkage Test	IS 10810 (Part-12)
42	ELECTRICAL- CABLES & WIRES	Cables	Smoke density test	ASTM D 2843
43	ELECTRICAL- CABLES & WIRES	Cables	Smoke density test	IS 13360
44	ELECTRICAL- CABLES & WIRES	Cables	Temperature index test	ASTM D 2863
45	ELECTRICAL- CABLES & WIRES	Cables	Tensile Strength	IS 10810 (Part-37)
46	ELECTRICAL- CABLES & WIRES	Cables	Tensile strength for Aluminium	IS 10810 (Part-2)
47	ELECTRICAL- CABLES & WIRES	Cables	Thermal Stability Test	IS 10810 (Part-60)
48	ELECTRICAL- CABLES & WIRES	Cables	Uniformity of zinc coating	IS 10810 (Part 40)
49	ELECTRICAL- CABLES & WIRES	Cables	Wrapping Test for Aluminium	IS 10810(Part-3)
50	ELECTRICAL- CABLES & WIRES	conductors for insulated electric cables and flexible cords	Annealing Test	IS 8130
51	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Electric Cables and Flexible Cords	Pursulphate test (Tinned Copper only)	IS 8130
52	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Electric Cables and Flexible Cords	Resistance Test	IS 8130
53	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Electric Cables and Flexible Cords	Tensile Test	IS 8130
54	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Electric Cables and Flexible Cords	Wrapping Test	IS 8130
55	ELECTRICAL- CABLES & WIRES	Copper	Copper Purity test	IS 191

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56	ELECTRICAL- CABLES & WIRES	Copper conductor	Annealing Test	IS 10810 (Part-1)
57	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Cold Bend Test	IS 7098 (Part-1)
58	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Conductor Resistance	IS 7098 (Part-1)
59	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Dimensions, Thickness of Insulation & Sheath	IS 7098 (Part-1)
60	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Elongation at break of Insulation & Sheath	IS 7098 (Part-1)
61	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Heat Shock Test	IS 7098 (Part-1)
62	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Hot Deformation test	IS 7098 (Part-1)
63	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Loss of Mass Test	IS 7098 (Part-1)
64	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Shrinkage Test	IS 7098 (Part-1)
65	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Tensile strength at break of Insulation & sheath	IS 7098 (Part-1)
66	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Tensile Strength for Aluminium	IS 7098 (Part-1)
67	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Thermal Stability test	IS 7098 (Part-1)
68	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated, PVC Sheathed cables	Wrapping Test	IS 7098 (Part-1)
69	ELECTRICAL- CABLES & WIRES	Electric Cables	Flammability Test	IS 10810 (Part-53)
70	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tests on Filler: Determination of the amount of halogen acid gas evolution- Corrosive & halogen acid gas	IS 17048
71	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Ageing in Air Oven	IS 10810 (Part-11)
72	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Ageing in Air Oven	IS 17048
73	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Annealing Test	IS 10810 (Part-1)

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74	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Annealing Test	IS 17048
75	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Cold Impact Test	IS 17048
76	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Conductor Resistance Test	IS 10810 (Part-5)
77	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Conductor Resistance Test	IS 17048
78	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Dimensions, Thickness of Insulation & Sheath	IS 10810 (Part-6)
79	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Dimensions, Thickness of Insulation & Sheath	IS 17048
80	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Elongation at break of insulation & sheath	IS 17048
81	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Flammability Test	IS 17048
82	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	High Voltage Test- at room temperature	IS 10810 (Part-45)
83	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Hot Deformation test	IS 10810 (Part-15)
84	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Hot deformation Test	IS 17048
85	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Insulation resistance	IS 17048
86	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Oxygen index test	IS 17048
87	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Persulphate Test for tinned copper	IS 10810 (Part-4)
88	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Persulphate test on tinned copper	IS 17048
89	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tensile strength at break of Insulation & sheath	IS 17048
90	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tensile Strength for Aluminium	IS 17048
91	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tests on Filler: Determination of the amount of halogen acid gas evolution- Corrosive & halogen acid gas	IEC 754 (Part-1)

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92	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tests on Finished cable: High voltage test	IS 17048
93	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tests on Insulation: Hot set test	IS 17048
94	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Wrapping Test	IS 10810 (Part-3)
95	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Wrapping Test	IS 17048
96	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Annealing test for copper wire	IS 694
97	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Heat Shock Test	IS 694
98	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Tensile Test for Aluminium	IS 694
99	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Conductor Resistance	IS 694
100	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Dimensions, Thickness of insulation & sheath	IS 694
101	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Elongation at break of Insulation & sheath	IS 694
102	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	High Voltage (Water immersion test	IS 694
103	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Loss of Mass	IS 694
104	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Persulphate Test	IS 694
105	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Shrinkage Test	IS 694
106	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Thermal Stability Test	IS 694

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107	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Wrapping Test	IS 694
108	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Tensile Strength at break of Insulation & sheath	IS 694
109	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Insulation Resistance Test	IS 694
110	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	After Ageing in Air Oven	IS 694
111	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Cold Bend Test	IS 694
112	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Cold Impact Test	IS 694
113	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Flammability Test	IS 694
114	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	High Voltage Test- at room temperature	IS 694
115	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Hot Deformation Test	IS 694
116	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Oxygen index test	IS 694
117	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Smoke Density Test	IS 694
118	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 Volts	Temperature index test	IS 694
119	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories	CARBON CONTENT TEST FOR POLYETHYLENE	IS 10810 (Part 32)
120	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Annealing Test	IS 1554 (Part-1)

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121	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Cold Bend Test	IS 1554 (Part-1)
122	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Conductor Resistance	IS 1554 (Part-1)
123	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Dimensions, Thickness of Insulation & Sheath	IS 1554 (Part-1)
124	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Elongation at break of Insulation & sheath	IS 1554 (Part-1)
125	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Heat Shock test	IS 1554 (Part-1)
126	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Hot Deformation test	IS 1554 (Part-1)
127	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Tensile Strength for Aluminium	IS 1554 (Part-1)
128	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Thermal Stability test	IS 1554 (Part-1)
129	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric Cables	Wrapping Test	IS 1554 (Part-1)
130	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cable	Ageing in Air Oven	IS 1554 (Part-1)
131	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cable	High Voltage Test- at room temperature	IS 1554 (Part-1)
132	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cable	Insulation resistance test	IS 1554 (Part-1)
133	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) electric cable	Resistivity test on armoring	IS 1554 (Part-1)
134	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Armour coverage percentage test	IS 1554 (Part-1)
135	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Cold Impact Test	IS 1554 (Part-1)
136	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Determination of the amount of halogen and gas evolution Corrosive & halogen acid gas	IS 1554 (Part-1)
137	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flammability test	IS 1554 (Part-1)
138	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) electric cables	High Voltage (Water immersion test)	IS 1554 (Part-1)

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139	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Mass of Zinc Coating test	IS 1554 (Part-1)
140	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Oxygen index test	IS 1554 (Part-1)
141	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Torsion Test	IS 1554 (Part-1)
142	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Winding Test	IS 1554 (Part-1)
143	ELECTRICAL- CABLES & WIRES	PVC insulated(Heavy Duty) Electric Cables	Loss of Mass Test	IS 1554 (Part-1)
144	ELECTRICAL- CABLES & WIRES	PVC insulated(Heavy Duty) Electric Cables	Tensile strength at break of Insulation & sheath	IS 1554 (Part-1)
145	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Cold impact test	IS 5831
146	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Heat shock test	IS 5831
147	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Insulation resistance	IS 5831
148	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Loss of mass	IS 5831
149	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Shrinkage test	IS 5831
150	ELECTRICAL- CABLES & WIRES	PVC INSULATION	After ageing (Elongation)	IS 5831
151	ELECTRICAL- CABLES & WIRES	PVC INSULATION	After ageing (Tensile Strength)	IS 5831
152	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Bleeding and blooming test	IS 5831
153	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Cold bend test	IS 5831
154	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Hot deformation	IS 5831
155	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Tensile strength (without Ageing)	IS 5831
156	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Thermal stability	IS 5831
157	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Volume resistivity	IS 5831

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158	ELECTRICAL- CABLES & WIRES	PVC INSULATION	Without ageing (Elongation)	IS 5831
159	ELECTRICAL- CABLES & WIRES	Thermoplastic & elastomeric insulation & sheath	Elongation at break	IS 10810 (Part-7)
160	ELECTRICAL- CABLES & WIRES	Thermoplastic & elastomeric insulation & sheath	Tensile strength at break	IS 10810 (part-7)
161	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Heat Shock Test	IS 10810 (Part-14)
162	ELECTRICAL- CABLES & WIRES	Thermoplastic or elastomeric insulation & sheath, Cables	Cold Bend Test	IS 10810 (Part-20)
163	ELECTRICAL- CABLES & WIRES	XLPE Insulated cable	Resistivity Test on Armoring material	IS 7098 (Part-1)
164	ELECTRICAL- CABLES & WIRES	XLPE insulated cable	Water absorption test (gravimetric)	IS 10810 (Part-33)
165	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Annealing Test	IS 7098 (Part-1)
166	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Armour coverage percentage test	IS 7098 (Part-1)
167	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cable	Cold Impact Test	IS 7098 (Part-1)
168	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Flame retardant test, Swedish chimney test	IS 7098 (Part-1)
169	ELECTRICAL- CABLES & WIRES	XLPE Insulated Thermoplastic sheathed cable	High Voltage- at room temperature	IS 7098 (Part-1)
170	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cable	Hot set test	IS 7098 (Part-1)
171	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Mass of Zinc Coating Test	IS 7098 (Part-1)
172	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Torsion Test	IS 7098 (Part-1)
173	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Water absorption test (gravimetric)	IS 7098 (Part-1)
174	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable	Winding Test	IS 7098 (Part-1)
175	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IS 7098 (Part-1)

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176	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation resistance test	IS 7098 (Part-1)
177	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Uniformity of Zinc Coating	IS 7098 (Part-1)
178	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, galvanized steel reinforced	Wrapping Test	IS 398 (Part-2)
179	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, galvanized steel reinforced for extrahigh voltage	Wrapping Test	IS 398 (Part-5)
180	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded conductor	Wrapping Test	IS 398 (Part-1)
181	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors (Aluminum Magnesium- Silicon Type)	Breaking Load Test of individual wires	IS 398 (Part-4)
182	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors (Aluminum Magnesium- Silicon Type)	Elongation Test	IS 398 (Part-4)
183	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors (Aluminum Magnesium- Silicon Type)	Lay Ratio & Direction	IS 398 (Part-4)
184	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors (Aluminum Magnesium- Silicon Type)	Resistance Test	IS 398 (Part-4)
185	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors	Measurement of Diameter of Individual Aluminum & galvanized steel wires	IS 398 (Part-4)
186	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum conductors for overhead transmission purposes	Measurement of Diameter of Individual Aluminum & galvanized steel wires	IS 398 (Part-1)
187	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Breaking Load Test of individual wires	IS 398 (Part-2)
188	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Ductility test (Torsion test)	IS 398 (Part-2)
189	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Ductility test (Elongation test)	IS 398 (Part-2)

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190	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Galvanizing test (Mass of zin ccoating)	IS 398 (Part-2)
191	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Lay Ratio & Direction	IS 398 (Part-2)
192	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Measurement of Diameter of Individual Aluminum & galvanized steel wires	IS 398 (Part-2)
193	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Resistance Test of Aluminum Wires	IS 398 (Part-2)
194	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Galvanizing test (Uniformity of zinc coating)	IS 398 (Part-2)
195	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-For extra High Voltage	Measurement of Diameter ofIndividual Aluminum & galvanized steel wires	IS 398 (Part-5)
196	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Breaking Load Test of individual wires	IS 398 (Part-5)
197	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Ductility test (Torsion test)	IS 398 (Part-5)
198	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Ductility test (Elongation test)	IS 398 (Part-5)
199	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Galvanizing test (Mass of zinc coating)	IS 398 (Part-5)
200	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Lay Ratio & Direction	IS 398 (Part-5)
201	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Resistance Test of Aluminum Wires	IS 398 (Part-5)
202	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors- Galvanized Steel Reinforced-Forextra High Voltage	Galvanizing test (Uniformity of zinc coating)	IS 398 (Part-5)
203	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum stranded conductors	Breaking Load Test of individual wires	IS 398 (Part-1)

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204	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum stranded conductors	Lay Ratio & Direction	IS 398 (Part-1)
205	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum stranded conductors	Resistance Test of Aluminum Wires	IS 398 (Part-1)
206	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Temperature rise test	IS 1180 (Part 1)
207	ELECTRICAL- INDUCTORS & TRANSFORMERS	Insulating Liquids - Determination of the Breakdown Voltage at Power Frequency - Test Method	Breakdown Voltage Test	IS 6792
208	ELECTRICAL- INDUCTORS & TRANSFORMERS	New Insulating Oils — Specification	Breakdown Voltage Test	IS 335
209	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Induced over-voltage withstand test	IS 1180 Part 1
210	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Insulation resistance	IS 1180 Part 1
211	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Measurement of short-circuit impedance and load loss at 50 percent and 100 percent load Test	IS 1180 Part 1
212	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Separate-source voltage withstand	IS 1180 Part 1
213	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Voltage ratio and check of phase displacement Test	IS 1180 Part 1
214	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 315 kVA, 11 kV	Winding Resistance	IS 1180 Part 1
215	ELECTRICAL- INDUCTORS & TRANSFORMERS	Outdoor Type Oil Immersed Distribution Transformers Upto and Including 315 kVA, 11 kV	No-load loss and current	IS 1180 Part 1
216	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Measurement of resistance of main Circuit to prove satisfactory operation (By millivolt drop method)	IS 9920 (Part-4) (Withdrawn)
217	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Drop out fuse	Dry power-frequency voltage withstand test	IS 9385 (Part-2)
218	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Dry power-frequency voltage withstand test	IS 731

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219	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Galvanizing test (Uniformity of zinc coating)	IS 731
220	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Mechanical failing load test	IS 731
221	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Verification of dimensions	IS 731
222	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension clamps	Endurance Test under Thermal & Mechanical stresses	NFC 33 041
223	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension clamps	Mechanical Test	NFC 33 041
224	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension clamps	Visual Examinations	NFC 33 041
225	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Dimensional verification	IS 2121 (Part-3)
226	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Galvanizing test (Mass of zinc coatings)	IS 2121 (Part-3)
227	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Galvanizing test (Uniformity of Zinc coatings)	IS 2121 (Part-3)
228	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Mechanical strength test	IS 2121 (Part-3)
229	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Slip strength test	IS 2121 (Part-3)

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230	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Accessories for earth wire	Visual examination	IS 2121 (Part-3)
231	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry power-frequency voltage withstand test	IS 9920 (Part-4) (Withdrawn)
232	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Galvanizing test (Uniformity of zinc coatings)	IS 9920 (Part-4) (Withdrawn)
233	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Mechanical Endurance Test	IS 9920 (Part-4) (Withdrawn)
234	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Temperature Rise	IS 9920 (Part-4) (Withdrawn)
235	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Verification of dimensions	IS 9920 (Part-4) (Withdrawn)
236	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Visual examination	IS 9920 (Part-4) (Withdrawn)
237	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Voltage Test for auxiliary circuit (High Voltage Test)	IS 9920 (Part-4) (Withdrawn)
238	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod , Bending Wires and Tapes For Conductor	Resilience Test	IS 2121 (Part-1)
239	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Bend test	IS 2121 (Part-1)
240	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Electrical Resistance Test	IS 2121 (Part-1)

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241	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Slip Strength Test	IS 2121 (Part-1)
242	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Tensile strength test	IS 2121 (Part-1)
243	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Verification of dimension	IS 2121 (Part-1)
244	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Visual Examination	IS 2121 (Part-1)
245	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rods, binding wires & tapes for conductors	Wrapping Test	IS 2121 (Part-1)
246	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Dimensional Check	IS 5561
247	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Galvanization Tests (Uniformity of zinc coatings)	IS 5561
248	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Galvanization Tests(Mass of zinc coatings)	IS 5561
249	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Resistance Test (% Variation)	IS 5561:
250	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Tensile Test / Pull out Strength Test (N)	IS 5561
251	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bimetallic Twin CT/PT/LA Rod Type/Transformer, Bushing Clamp of Different Type of Conductor	Visual Examination	IS 5561

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252	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Calvanization Tests (Uniformity of Zinc coatings)	IS 5561
253	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Visual Examination	IS 5561
254	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Dimensional Check	IS 5561
255	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Galvanization Tests (Mass of Zinc coatings)	IS 5561
256	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Resistance Test (% Variation)	IS 5561
257	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Post Clamp For Twin Panther/Zebra/Moose/Tara ntulla conductor	Tensile Test / Pull out Strength Test (N)	IS 5561
258	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Dry power-frequency voltage withstand test	IEC 61109
259	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Galvanizing test (Uniformity of zinc Coatings)	IEC 61109
260	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Verification of dimensions	IEC 61109
261	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Verification of the specified Mechanical Load	IEC 61109
262	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Verification of the tightness of the interface between end fittings and insulator housing	IEC 61109

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263	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Polymer Pin Insulator	Visual examination	IEC 61109
264	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Drop out fuse	Visual examination	IS 9385 (Part-2)
265	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Drop out fuse	Temperature Rise	IS 9385 (Part-2)
266	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Drop out fuse	Verification of dimensions	IS 9385 (Part-2)
267	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	Zinc Coating (Uniformity of zinc coatings)	IS 278
268	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	Ductility Test (Wrapping Test)	IS 278
269	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	FREEDOM FROM DEFECTS	IS 278
270	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	Mass of zinC coating Test	IS 278
271	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	Tensile Test	IS 278
272	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STEEL BARBED WIRE FORFENCING	Zinc Coating (Uniformity of zinc coatings)	IS 278
273	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	D.C. Resistance Test	IS 12776

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274	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	DIMENSIONS AND TOLERANCES	IS 12776
275	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	Elongation	IS 12776
276	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	Galvanizing Test (Mass of zinc Coating)	IS 12776
277	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	Galvanizing Test (Uniformity of zinc coatings)	IS 12776
278	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	Torsion Test	IS 12776
279	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GALVANIZED STRAND FOR EARTHING	Wrapping Test	IS 12776
280	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Galvanizing test (Mass of zinc coatings)	IS 2141
281	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Tensile Test	IS 2141
282	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Ductility Test	IS 2141
283	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Elongation test	IS 2141
284	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	FREEDOM FROM DEFECTS	IS 2141

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285	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Galvanizing test (Uniformity of zinc coatings)	IS 2141
286	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Visual Examinations	IS 2141
287	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HOT DIP GALVANIZED STAY STRAND	Wire Diameter	IS 2141
288	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hot dipped galvanised stay strand	Lay	IS 2141
289	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hot dipped galvanised stay strand	Lay length	IS 2141
290	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Dry power-frequency voltage withstand test	IS 9921 (Part-4)
291	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Galvanizing test (Uniformity of zinc coatings)	IS 9921 (Part-4)
292	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Galvanizing test (Uniformity of zinc coatings)	IS 9921 (Part-4)
293	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Measurement of resistance of main Circuit to prove satisfactory operation (By milli volt drop method)	IS 9921 (Part-4)
294	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Mechanical Endurance Test	IS 9921 (Part-4)
295	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Temperature Rise	IS 9921 (Part-4)

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296	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Visual examination	IS 9921 (Part-4)
297	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnector)	Voltage Test for auxiliary circuit (High Voltage Test	IS 9921 (Part-4)
298	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrestors	Visual examination	IS 3070 (Part -3)
299	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrestors	Dry power-frequency voltage withstand test	IS 3070 (Part-3)
300	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrestors	Galvanizing test (Uniformity of zinc Coatings)	IS 3070 (Part-3)
301	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrestors	Verification of dimensions	IS 3070 (part-3)
302	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V	Freedom from defects (Visual examination & protection against corrosion)	IS 2486 (Part 1)
303	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Galvanizing test (Mass of zinc Coatings)	IS 2486 (Part 1)
304	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Mechanical strength test (Ultimate strength test)	IS 2486 (Part 1)
305	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Galvanizing test (Uniformity of zinc coating)	IS 2486 (Part 1)
306	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Slip strength test	IS 2486 (Part 1)

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307	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Verification of dimensions	IS 2486 (Part 1)
308	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Galvanizing test (Mass of zinc coating)	IS 2121(Part-2)
309	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Failing load test	IS 2121 (Part-2)
310	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Dimensional verification	IS 2121 (Part-2)
311	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Electrical resistance test	IS 2121 (Part-2)
312	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Galvanizing test (Uniformity of zinc coating)	IS 2121 (Part-2)
313	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Galvanizing test (Uniformity of zinc coating)	IS 2121 (Part-2)
314	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Heating cycle test	IS 2121 (Part-2)
315	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid-span joints and repair sleeves for conductors	Visual Examination	IS 2121 (Part-2)
316	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Non-tension joints	Galvanizing test (Mass of zinc coatings)	IS 2121 (Part-4)
317	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Non-tension joints	Galvanizing test (Uniformity of zinc coatings)	IS 2121 (Part-4)

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318	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Non-tension joints	Mechanical test	IS 2121 (Part-4)
319	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Non-tension joints	Verification of dimensions	IS 2121 (part-4)
320	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Non-tension joints	Visual examination	IS 2121 (Part-4)
321	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	checking mechanical strength of Tape Cores	NFC 033-020
322	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	Dielectric and water Tightness Test	NFC 033-020
323	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	Effect of Tightness on main - Core & Branch core	NFC 033-020
324	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	Effect of Tightness on the mechanical strength of the main core	NFC 033-020
325	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	Tensile strength Test	NFC 033-020
326	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -I	Visual Examinations	NFC 033-020
327	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Checking mechanical strength of Tape Cores	NFC 033-020
328	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Dielectric and water Tightness Test	NFC 033-020

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329	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Effect of Tightness on main - Core & Branch core	NFC 033-020
330	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Effect of Tightness on the mechanical strength of the main core	NFC 033-020
331	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Tensile strength Test	NFC 033-020
332	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Piercing connector Type -II	Visual Examinations	NFC 033-020
333	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Porosity test	IS 731
334	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Mechanical performance test	IS 731
335	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Power Frequency puncture voltage test	IS 731
336	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain Insulators	Visual examination	IS 731
337	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post insulators for systems with nominal voltage greater than 1000 Volts	Dry power-frequency voltage withstand test	IS 2544 (Withdrawn)
338	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post insulators for systems with nominal voltage greater than 1000 Volts	Galvanizing test	IS 2544 (Withdrawn)
339	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post insulators for systems with nominal voltage greater than 1000 Volts	Porosity test	IS 2544 (Withdrawn)

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340	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post insulators for systems with nominal voltage greater than 1000 Volts	Verification of dimensions	IS 2544 (Withdrawn)
341	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post insulators for systems with nominal voltage greater than 1000 Volts	Visual Examination	IS 2544 (Withdrawn)
342	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps for AB Cable	Endurance Test under Thermal & Mechanical stresses	NFC 33 041
343	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps for AB Cable	Mechanical Test	NFC 33 041
344	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps for AB Cable	Visual Examinations	NFC 33 041
345	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps for AB Cable	Voltage Withstand Test	NFC 33 041
346	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Equipment	Dimensional Test	NFC 33-040
347	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Equipment	Mechanical Test	NFC 33-040
348	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Equipment	Visual Examination	NFC 33-040
349	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Equipment	Voltage Test	NFC 33-040
350	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension clamps	Voltage Withstand	NFC 33 041

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351	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Checking of Dimensions	IS 9537 (Part-1)
352	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Checking of Dimensions	IS 9537 (Part-3)
353	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Collapse Test	IS 9537 (Part-1)
354	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Compression Test	IS 9537 (Part-1)
355	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Electrical characteristics	IS 9537 (Part-1)
356	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Impact Test	IS 9537 (Part-1)
357	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Resistance to burning	IS 9537 (Part-1)
358	ELECTRICAL- WIRING ACCESSORIES	Conduit for electrical Installations	Resistance to heat	IS 9537 (Part-1)
359	ELECTRICAL- WIRING ACCESSORIES	Rigid Plain Conduit	Bending Test	IS 9537 (Part-3)
360	ELECTRICAL- WIRING ACCESSORIES	Rigid plain Conduit	Collapse Test	IS 9537 (Part-3)
361	ELECTRICAL- WIRING ACCESSORIES	Rigid Plain Conduit	Compression Test	IS 9537 (Part-3)
362	ELECTRICAL- WIRING ACCESSORIES	Rigid Plain conduit	Electrical Characteristics	IS 9537 (Part-3)
363	ELECTRICAL- WIRING ACCESSORIES	Rigid Plain Conduit	Impact Test	IS 9537 (Part-3)
364	ELECTRICAL- WIRING ACCESSORIES	Rigid Plain conduit	Resistance to Burning	IS 9537 (Part-3)
365	ELECTRICAL- WIRING ACCESSORIES	Rigid plain conduit	Resistance to heat	IS 9537 (Part-3)
366	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Re-bend test	IS 1786
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot-dipped galvanized coatings on round steel wires	Adhesion of Zinc coating	IS 4826
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Iron and Steel articles	Mass of Zinc coating	IS 6745

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369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Bend Test	IS 1599
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Elongation	IS 1608 Part - 1
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Proof Stress	IS 1608 Part - 1
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Strength	IS 1608 Part - 1
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Yield Stress	IS 1608 Part - 1
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Wires	Torsion Test	IS 1717
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic wires	Wrapping Test	IS 1755
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Bend test	IS 280
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Zinc coated articles	Uniformity of Zinc	IS 2633