National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL POWER RESEARCH INSTITUTE (UNIT OF SARAVANA GLOBAL ENERGY LIMITED), VRIDHACHALAM ROAD, P.N.KUPPAM, KURINJIPPADI, CUDDALORE, TAMIL NADU, 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-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductors	Corona inception /extinction test	IEC 60060 (Part 1)
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductors	Corona inception /extinction test	IS 398 Part-5
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductors	RIV Test	IEC 60437
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductors	RIV Test	IS 398 Part-5
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductors	RIV Test	IS 8263
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	Dry Lightning impulse withstand & Flash over test	IEC 61109
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	Dry Power frequency voltage withstand test & flash over test	IEC 60060-1
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	Dry/Wet Switching impulse voltage withstand test	IEC 61109
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	RIV Test	IEC 61109
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)

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11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Suspension and Tension Insulators	Wet Power frequency voltage withstand test & flash over test	IEC 61109: 2008 & IEC 60060-1
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Dry Power- frequency voltage withstand test	IEC 60282-1
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Dry Power- frequency voltage withstand test	IS 9385 Part-1
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Lightning Impulse Voltage withstand test	IEC 60282-1
15	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Lightning Impulse Voltage Withstand Test	IS 9385 Part-1
16	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Wet Power-frequency voltage withstand test	IEC 60282-1
17	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current limiting fuses	Wet Power-frequency voltage withstand test	IS 9385 Part-1
18	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post & Traction Insulators	Dry Power frequency voltage withstand test & flash over test	IEC 60383-1
19	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post & Traction Insulators	Lightning impulse withstand & Flash over test	IEC 60383-1
20	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post & Traction Insulators	Puncture withstand test (For Class B Insulators only)	IEC 60383-1
21	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post & Traction Insulators	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)

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22	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post & Traction Insulators	Wet Power frequency voltage withstand test & flash over test	IEC 60383-1
23	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post and Insulator strings	Dry Power frequency voltage withstand test & flash over test	IS 731
24	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post and Insulator strings	Impulse voltage withstand test & Flash over test	IS 731
25	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post and Insulator strings	Visible Discharge Test	IS 731
26	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post and Insulator strings	Wet Power frequency voltage withstand test & flash over test	IS 731
27	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disc, Pin, Post insulators	Puncture test (For Insulator Type B only)	IS 731
28	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Dry Power- frequency voltage withstand test	IEC 60282-2
29	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Dry Power- frequency voltage withstand test	IS 9385 Part-2
30	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Lightning Impulse Voltage withstand test	IEC 60282-2
31	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Lightning Impulse Voltage Withstand Test	IS 9385 Part-2
32	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Wet Power-frequency voltage withstand test	IEC 60282-2

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33	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Expulsion and similar fuses	Wet Power-frequency voltage withstand test	IS 9385 Part-2
34	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Guy Strain Insulators	Dry one minute Power frequency withstand test	IS 5300
35	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Guy Strain Insulators	Wet one- minute Power - frequency withstand test	IS 5300
36	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Insulators	Dry/Wet Switching impulse voltage withstand test	IS 8269
37	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Insulators	RIV Test	IEC 60383-1
38	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Insulators	RIV Test	IEC 60383-2
39	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Insulators	RIV Test	IEC 60437
40	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Insulators	RIV Test	IS 8263
41	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Dry Power- frequency voltage withstand test	IEC 62271-100
42	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Dry Power- frequency voltage withstand test	IS/IEC 62271-100
43	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Dry/Wet Switching impulse voltage withstand test	IEC 62271-100

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44	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Dry/Wet Switching impulse voltage withstand test	IS/IEC 62271-100
45	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Lightning Impulse Voltage withstand test	IEC 62271-100
46	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	RIV Test	IEC 62271-100
47	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	RIV Test	IS/IEC 62271- 100
48	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Wet Power-frequency voltage withstand test	IEC 62271-100
49	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Switchgear and Control gear: Alternating-current circuit-breakers	Wet Power-frequency voltage withstand test	IS /IEC 62271-100
50	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry Power- frequency voltage withstand test	IEC 62271-102
51	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry Power- frequency voltage withstand test	IS/IEC 62271-102
52	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry/Wet Switching impulse voltage withstand test	IEC 60060 (Part 1)
53	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry/Wet Switching impulse voltage withstand test	IEC 62271-102
54	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry/Wet Switching impulse voltage withstand test	IS/IEC 62271-102

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55	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Dry/Wet Switching impulse voltage withstand test	IS/IEC 62271-102
56	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Lightning Impulse Voltage withstand test	IEC 62271-102
57	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Lightning Impulse Voltage withstand test	IS /IEC 62271-102
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Lightning Impulse Voltage withstand test	IS/IEC 62271-102
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IEC 60437
60	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IEC 62271-102
61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IS / IEC 62271-102
62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IS 8263
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IS/IEC 62271-102
64	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	RIV Test	IS/IEC 62271-102
65	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)

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66	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Visible corona Test (Power Frequency Voltage)	IS/IEC 62271-102
67	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Wet Power-frequency voltage withstand test	IEC 62271-102
68	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Wet Power-frequency voltage withstand test	IS / IEC 62271-102
69	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating current disconnectors and earthing switches	Wet Power-frequency voltage withstand test	IS/IEC 62271-102
70	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Dry Power- frequency voltage withstand test	IEC 62271-1
71	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Dry/Wet Switching impulse voltage withstand test	IEC 62271-1
72	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Lightning Impulse Voltage withstand test	IEC 62271-1
73	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Lightning Impulse Voltage withstand test	IEC 62271-1
74	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	RIV Test	IEC 62271-1
75	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
76	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High voltage switchgear and controlgear: Alternating-current circuit-breakers	Wet Power-frequency voltage withstand test	IEC 62271-1

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77	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Dry Power- frequency voltage withstand test	IEC 62271-104
78	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Dry Power- frequency voltage withstand test	IS/IEC 62271-104
79	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Dry/Wet Switching impulse voltage withstand test	IEC 60060 (Part 1)
80	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Dry/Wet Switching impulse voltage withstand test	IEC 62271-104
81	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 Kv	Dry/Wet Switching impulse voltage withstand test	IS/IEC 62271-104
82	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Lightning Impulse Voltage withstand test	IEC 62271-104
83	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Lightning Impulse Voltage withstand test	IS/IEC 62271-104
84	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	RIV Test	IEC 60437
85	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	RIV Test	IEC 62271-104
86	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	RIV Test	IS 8263
87	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	RIV Test	IS/IEC 62271-104

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88	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
89	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Visible corona Test (Power Frequency Voltage)	IS/IEC 62271-104
90	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Wet Power-frequency voltage withstand test	IEC 62271-104
91	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Wet Power-frequency voltage withstand test	IS/IEC 62271-104
92	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Alternating current disconnectors and earthing switches	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
93	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Dry Power- frequency voltage withstand test	IEC 62271-103
94	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Dry Power- frequency voltage withstand test	IS/IEC 62271-103
95	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Dry/Wet Switching impulse voltage withstand test	IEC 62271-103
96	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Dry/Wet Switching impulse voltage withstand test	IS/IEC 62271-103
97	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Lightning Impulse Voltage withstand test	IEC 62271-103
98	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Lightning Impulse Voltage withstand test	IS /IEC 62271-103

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99	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Lightning Impulse Voltage withstand test	IS/IEC 62271-103
100	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	RIV Test	IEC 60437
101	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	RIV Test	IEC 62271-103
102	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	RIV Test	IS 8263
103	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	RIV Test	IS/IEC 62271-103
104	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
105	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Visible corona Test (Power Frequency Voltage)	IS/IEC 62271-103
106	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Wet Power-frequency voltage withstand test	IEC 62271-103
107	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-voltage switchgear and controlgear – Switches for rated voltages above 1kV up to and including 52kV	Wet Power-frequency voltage withstand test	IS/IEC 62271-103
108	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-Voltage Switchgear and Controlgear: AC Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV and Up to and Including 52 kV	Dry Power- frequency voltage withstand test	IS 62271-200
109	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-Voltage Switchgear and Controlgear: AC Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV and Up to and Including 52 kV	Lightning Impulse Voltage withstand test	IS/IEC 62271- 200

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110	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High-Voltage Switchgear and Controlgear: AC Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV and Up to and Including 52 kV	Wet Power-frequency voltage withstand test	IS /IEC 62271-200
111	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow Insulators	Electrical Routine Test	IEC 62155
112	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow Insulators	Electrical Routine Test	IS 5621
113	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Dry Power frequency voltage withstand test & flash over test	IEC 60383-2
114	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Dry/Wet Switching impulse voltage withstand test	IEC 60383-2
115	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Lightning impulse withstand & Flash over test	IEC 60383-2
116	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
117	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Voltage distribution	IEC 60060 (Part 1)
118	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Voltage distribution	IS 2071-(Part 1)
119	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator strings and Insulator sets	Wet Power frequency voltage withstand test & flash over test	IEC 60383-2
120	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Dry Lightning impulse voltage withstand test	IS 2099

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121	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Dry Power frequency voltage withstand test	IS 2099
122	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Dry Power- frequency withstand voltage test & flash over test	IEC 60168
123	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Dry/Wet Switching impulse voltage withstand test	2099
124	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Puncture test	IEC 60168
125	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Wet Power frequency voltage withstand test	IS 2099
126	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Organic Indoor Post Insulator	Dry Lightning impulse withstand test and Flash over Test	IS 9431
127	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Organic Indoor Post Insulator	Dry Power Frequency Withstand Voltage Test & Flash over test	IS 9431
128	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Overhead line fittings	Corona inception /extinction test	IEC 61284
129	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Overhead line fittings	RIV Test	IEC 61284
130	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Pin and Shackle Insulator	Dry Power-frequency voltage withstand test	IS 1445
131	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Pin and Shackle Insulator	Power- Frequency Puncture Withstand Test	IS 1445

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132	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Pin and Shackle Insulator	Wet Power-frequency voltage withstand test	IS 1445
133	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post Insulators	Dry Power- frequency voltage withstand test & flash over test	IS 2544
134	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post Insulators	Impulse Voltage withstand & Flash over test	IS 2544
135	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post Insulators	Power Frequency Puncture withstand test (Only Type 'B' Insulators)	IS 2544
136	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post Insulators	Visible Discharge Test (Power Frequency Voltage)	IS 2544
137	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain post Insulators	Wet Power-frequency voltage withstand test & flash over test	IS 2544
138	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post Insulators	Dry/Wet Switching impulse voltage withstand test	IEC 60168
139	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post Insulators	Lightning Impulse Voltage withstand & Flash over test	IEC 60168
140	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post Insulators	Visible corona Test (Power Frequency Voltage)	IEC 60060 (Part 1)
141	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post Insulators	Wet Power-frequency withstand voltage test & flash over test	IEC 60168
142	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solidcore Traction insulators	Dry One minute Power-frequency voltage withstand test	IS 4318

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143	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solidcore Traction insulators	Lightning Impulse Voltage Withstand Test	IS 4318
144	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solidcore Traction insulators	Visible Discharge Test (Power Frequency Voltage)	IS 4318
145	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solidcore Traction insulators	Wet one minute Power frequency voltage withstand test	IS 4318
146	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap-changers	Applied voltage test	IEC 60214-1
147	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap-changers	Full wave lightning impulse test	IEC 60214-1
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Galvanizing test	IEC 61109
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Verification of the dimensions	IEC 61109
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Verification of the dimensions	IEC 61109
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Verification of the dimensions	IEC 62217
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Verification of the dimensions	IEC 62217
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Visual Examination	IEC 61109
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite Suspension and Tension Insulators	Visual Examination	IEC 62217

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155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc Insulator	Electro mechanical failing load test	IEC 60383-1
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc Insulator	Electro mechanical failing load test	IS 731
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc Insulator	Thermal Mechanical performance test	IEC 60383-1
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc Insulator	Thermal Mechanical performance test	IS 731
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post & Traction Insulators	Porosity test	IEC 60383-1
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post & Traction Insulators	Routine Visual Inspection	IEC 60383-1
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post & Traction Insulators	Temperature cycle test	IEC 60383-1
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post & Traction Insulators	Verification of Dimensions	IEC 60383-1
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post & Traction Insulators	Verification of Dimensions	IEC 60383-1
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Galvanizing test	IS 731
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Mechanical performance test	IS 731
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Porosity test	IS 731
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Temperature cycle test	IS 731
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Verification of Dimensions	IS 731

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169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Verification of Dimensions	IS 731
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Visual Examination	IEC 60168
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Pin, Post and Insulator strings	Visual Examination	IEC 60383-1
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Post & Traction Insulators	Galvanizing test	IEC 60383-1
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Post & Traction Insulators	Mechanical Failing load test - Tensile Test	IS 2544
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Post and Insulator strings	Mechanical Failing load test	IEC 60383-1
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Disc, Post and Insulator strings	Mechanical Failing load test (For string insulator units Type A and for rigid insulators only)	IS 731
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Mechanical Strength Test	IS 5300
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Porosity test	IS 5300
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Temperature cycle test	IS 5300
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Verification of Dimensions	IS 5300
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Verification of Dimensions	IS 5300
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Guy Strain Insulators	Visual Examination	IS 5300
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Galvanizing test	IEC 62155

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183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Mechanical Failing Load Test - Bending Test	IEC 62155
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Mechanical Failing Load Test - Bending Test	IEC 62155
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Mechanical Failing Load Test - Compression Test	IEC 62155
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Mechanical Failing Load Test - Tensile Test	IEC 62155
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Mechanical Failing Load Test - Torsion Test	IEC 62155
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Porosity test	IEC 62155
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Porosity test	IS 5621
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Temperature cycle test	IEC 62155
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Temperature cycle test	IS 5621
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Verification of Dimensions	IEC 62155
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Verification of Dimensions	IS 5621
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Verification of Dimensions	IS 5621
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Verification of the dimensions	IEC 62155
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Visual Examination	IEC 62155

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197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Insulators	Visual Inspection	IS 5621
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of Insulators	Mechanical Tests	IS 2486-1
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of Insulators	Verification of Dimensions	IS 2486-1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of Insulators	Verification of Dimensions	IS 2486-1
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of Insulators	Visual Examination	IS 2486-1
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Method of Testing uniformity of coating on zinc coated articles	Galvanizing test	IS 2633
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin & Post Insulator	Mechanical Failing load test - Bending Test	IEC 60383-1
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin & Post Insulator	Mechanical Failing load test - Bending test	IEC 60383-1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin & Post Insulator	Mechanical Failing load test - Bending Test	IS 731
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin & Post Insulator	Mechanical Failing load test - Bending test	IS 731
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Mechanical Failing load test	IS 1445
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Porosity test	IS 1445
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Temperature cycle test	IS 1445
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Verification of Dimensions	IS 1445

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211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Verification of Dimensions	IS 1445
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pin and Shackle Insulator	Visual Examination	IS 1445
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Bending Test	IS 2544
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Bending Test	IS 2544
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Compression Test	IEC 60168
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Compressive Test	IS 2544
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Galvanizing test	IS 2544
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Porosity test	IS 2544
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Temperature cycle test	IS 2544
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Tensile Test	IS 2544
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Torsion Test	IS 2544
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Verification of Dimensions	IS 2544
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Verification of Dimensions	IS 2544
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Porcelain post Insulators	Visual Examination	IS 2544

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225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Galvanizing test	IEC 60168
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Bending Test	IEC 60168
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Bending Test	IEC 60168
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Bending Test	IS 2544
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Bending Test	IS 2544
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Compression Test	IS 2544
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Compressive Test	IEC 60168
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Tensile Test	IEC 60168
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Mechanical Failing Load Test - Torsion Test	IEC 60168
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Porosity test	IEC 60168
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Routine Visual Inspection	IEC 60168
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Temperature cycle test	IEC 60168
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Verification of Dimensions	IEC 60168
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Post Insulators	Verification of Dimensions	IEC 60168

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239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solid core Traction insulators	Verification of Dimensions	IS 4318
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solid core Traction insulators	Verification of Dimensions	IS 4318
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Bending Test	IS 4318
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Bending Test	IS 4318
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Galvanizing test	IS 4318
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Mechanical performance test	IS 4318
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Porosity test	IS 4318
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Temperature cycle test	IS 4318
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Tensile Test	IS 4318
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Thermal Mechanical performance test	IS 4318
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Torsion Test	IS 4318
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solidcore Traction insulators	Visual Examination	IS 4318
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	String Insulator Units	Mechanical performance test	IEC 60575
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	String Insulator Units	Thermal Mechanical performance test	IEC 60575