National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NASHIK ENGINEERING CLUSTER, "SAHASTRARASHMI", C-10, MIDC, AMBAD, NASHIK, MAHARASHTRA, 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-ENVIRONMENTAL TEST FACILITY	Automobile Products, Moulds and dies, defense products, electronic products	Cold test	IS 9000-2 sec 1-4
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense & Electronic Products	Cold Test	JSS 55555
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense & Electronic Products	Damp Heat Test	JSS 55555
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense & Electronic Products	Dust	JSS 55555
5	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense & electronic Products	Sinusoidal	JSS 55555
6	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense & Electronic Products	Water	JSS 55555
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense products & Electronic products	Cold Test	IEC 60068-2-14
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense products & electronic products	Cold Test	IS 9000-2 Sec 1-4
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense, Electronic Products	Random Vibration	JSS 55555
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Defense, Railway & Electronic Products	Classical Shock	IEC 60571
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic devices, Switch gear Products, defense, Railway Products	Classical Shock	JSS 55555
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics, Defense, Railway Products	Dry Heat Test	IEC 60068-2-14
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Molds and Dies	Cold Test	IEC 60068-2-1

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14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies, Defense Products, Electronic products	Classic Shock test	IEC: 60068-2-27
15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Dry heat test	IS 9000-3
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Cold test	IEC 60068-3
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Combined Damp heat,cold & vibration test	IEC : 60068-2-6
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Composite temperature/humidity cyclic test	IEC 60068-2-38
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Damp heat (Cyclic 12 +12) test	IEC 60068-2-30
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Damp heat (cyclic) test	IS 9000-5
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Damp heat (steady state) test	IEC 60068-2-78
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Damp heat (Steady state) test	IS 9000-4
23	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Dry heat test	IEC 60068-2-2
24	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Dust test	IEC: 60529
25	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Protection against penetration of Dust	IS 9000 -12
26	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Vibration (Ramdom) test	IEC 60068-2-64
27	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Vibration (sinusoidal) test	IEC 60068-2-6

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28	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Vibration test (sinusoidal)	IS 9000-8
29	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Switch gear Products, Automobile Products, Moulds and dies.	Water ingress	IEC:60529
30	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Dry power frequency voltage withstand test	IEC:62271-201
31	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Lightning impulse voltage withstand test	IEC:62271-201
32	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Lightning impulse voltage withstand test	IEC:62271-201
33	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Lightning impulse voltage withstand test	IEC:62271-201
34	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IEC:60137
35	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IEC:60060-1
36	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IEC:60060-2
37	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IEC:60060-3
38	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-1

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39	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-1
40	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-2
41	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-2
42	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-2
43	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-3
44	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-3
45	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning Impulse voltage test	IEC 60060-3
46	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning impulse voltage withstand test	IEC 60060-1
47	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning impulse voltage withstand test	IEC:60137
48	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lightning impulse voltage withstand test	IEC:60137
49	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Partial discharge test	IEC:60060-1

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50	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Partial discharge test	IEC:60060-2
51	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Partial discharge test	IEC:60060-3
52	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Partial discharge test	IEC:60137
53	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Temperature rise test	IEC:60060-1
54	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Temperature rise test	IEC:60060-2
55	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Temperature rise test	IEC:60060-3
56	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Temperature rise test	IEC:60137
57	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings	Lightning impulse voltage withstand test	IEC:60137
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Dry power frequency voltage withstand test	IEC:62271-1
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Dry power frequency voltage withstand test	IEC:62271-100
60	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Endurance test	IEC:62271-1

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61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Endurance test	IEC:62271-100
62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC: 62271-1
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC:62271-1
64	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC:62271-1
65	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC:62271-100
66	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC:62271-100
67	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Lightning impulse voltage withstand test	IEC:62271-100
68	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Temperature rise test	IEC:62271-1
69	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breakers, Vacuum contactor, Vacuum Interrupter	Temperature rise test	IEC:62271-100
70	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A to 3200A//1A-5A, Accuracy class 0.005	Over voltage Inter-turn Test	IS 16227- 2
71	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A to 3200A//1A-5A, Accuracy class 0.005	Verification of Terminal Marking	IEC 61869-2

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72	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A to 3200A//1A-5A, Accuracy class 0.005	Verification of Terminal Marking	IS 16227-1&2
73	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Composite error measurement	IEC:61869-2
74	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Composite error measurement	IS: 16227-2
75	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Dry power frequency voltage withstand test on primary winding	IEC:61869-1&2
76	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Dry power frequency voltage withstand test on primary winding	IS:16227-1&2
77	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Dry power frequency voltage withstand test on secondary winding	IEC:61869-1&2
78	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Dry power frequency voltage withstand test on secondary winding	IS:16227-1&2
79	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Instrument security factor	IEC:61869-2
80	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IEC:61869-1&2
81	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IS:16227-1&2
82	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Measurement of knee point voltage	IEC:61869-2

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83	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Measurement of knee point voltage	IS:16227-2
84	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Power frequency voltage withstand test between section	IEC:61869-1&2
85	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Power frequency voltage withstand test between section	IS:16227-1&2
86	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Test for accuracy	IEC: 61869-1&2
87	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Test for accuracy	IEC:61869-1 & 2
88	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Test for accuracy	IS:16227-1&2
89	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Test for accuracy	IS:16227-1&2
90	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Instrument security factor	IS:16227-2
91	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IS:16227-1&2
92	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IEC:61869-1&2
93	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IEC:61869-1&2

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94	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Lightning impulse voltage withstand test	IS:16227-1&2
95	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Partial discharge measurement	IS:16227-1&2
96	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Partial discharge measurement.	IEC:61869-1&2
97	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Temperature rise test	IEC:61869-2
98	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A//1A-5A Accuracy class 0.005	Temperature rise test	IS:16227-2
99	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformer 5A-3200A/1A-5A Accuracy class 0.005	Over – voltage inter-turn test	IEC:61869-2
100	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated Substation	Dry Power Frequency voltage withstand test	IEC 62271-200
101	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated Substation	Lightning impulse voltage withstand test	IEC 62271-200
102	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated Substation	Mechanical Endurance Test	IEC 62271-100
103	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated Substation	Temperature Rise Test	IEC 62271-200
104	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GIS	Dry power frequency voltage withstand test	IEC:62271-203

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105	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GIS	Lightning impulse voltage withstand test	IEC:62271-203
106	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GIS	Lightning impulse voltage withstand test	IEC:62271-203
107	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	GIS	Lightning impulse voltage withstand test	IEC:62271-203
108	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T PVC Cable	Dry power frequency voltage withstand test	IS:1554-1
109	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T PVC Cable	Dry power frequency voltage withstand test	IS:1554-2
110	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T PVC Cable	Temperature rise test	IS:1554-1
111	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T PVC Cable	Temperature rise test	IS:1554-2
112	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS:7098-2
113	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Dry power frequency voltage withstand test	IEC:60502-2
114	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Dry power frequency voltage withstand test	IS:7098-2
115	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Dry power frequency voltage withstand test	IS:7098-3

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116	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IEC:60502-2
117	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IEC:60502-2
118	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IEC:60502-2
119	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS: 7098-3
120	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS:7098-2
121	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS:7098-2
122	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS:7098-3
123	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Lightning impulse voltage withstand test	IS:7098-3
124	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Temperature rise test	IEC:60502-2
125	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Temperature rise test	IS:7098-2
126	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.T. XLPE Cable Single / Three Core	Temperature rise test	IS:7098-3

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127	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT Panel	Dry power frequency voltage withstand test	IEC:62271-200
128	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT Panel	Lightning impulse voltage withstand test	IEC:62271-200
129	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT Panel	Lightning impulse voltage withstand test	IEC:62271-200
130	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT Panel	Lightning impulse voltage withstand test	IEC:62271-200
131	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT Panel	Temperature rise test	IEC:62271-200
132	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT PVC Cable	Lightning Impulse voltage test	IS 1554-2
133	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT PVC Cable	Lightning Impulse voltage test	IS 1554-2
134	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	HT PVC Cable	Lightning Impulse voltage test	IS 1554-2
135	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry power frequency voltage withstand test	IEC:60383-1
136	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning impulse voltage withstand test	IEC:60383-1
137	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning impulse voltage withstand test	IEC:60383-1

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138	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning impulse voltage withstand test	IEC:60383-1
139	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Partial discharge test	IEC:60383-1
140	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	LT switches	Dry power frequency voltage withstand test	IEC:60947-2
141	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	LT switches	Lightning impulse voltage withstand test	IEC:60947-2
142	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	LT switches	Lightning impulse voltage withstand test	IEC:60947-2
143	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	LT switches	Lightning impulse voltage withstand test	IEC:60947-2
144	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Test for accuracy	IS:16227-1&3
145	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Test for accuracy	IS:16227-1&3
146	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Dry power frequency voltage withstand test on secondary winding	IEC:61869-1&3
147	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Dry power frequency voltage withstand test on secondary winding	IS:16227-1&3
148	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IEC: 61869-1&3

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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
149	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IEC:61869-1&3
150	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IS:16227-1&3
151	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IS:16227-1&3
152	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IS:16227-1&3
153	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Lightning impulse voltage withstand test	IEC: 61869-1&3
154	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Partial discharge measurement	IEC: 61869-1&3
155	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Partial discharge measurement	IS:16227-1&3
156	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Separate source voltage withstand test	IEC:61869-1&3
157	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Separate source voltage withstand test	IS:16227-1&3
158	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Test for accuracy	IEC:61869-1&3
159	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Test for accuracy	IEC:61869-1&3

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160	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Verification of terminal marking and polarity	IEC:61869-1&3
161	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Verification of terminal marking and polarity	IS:16227-1&3
162	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer	Induced Over voltage withstand Test	IEC 61869-1 &3
163	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer	Induced Over voltage withstand Test	IS 16227-1&3
164	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV to 33kV	Power frequency voltage withstand test between section	IEC:61869-1&3
165	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Potential Transformer 3.3kV To 33kV	Power frequency voltage withstand test between section	IS:16227-1&3
166	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Dry power frequency voltage withstand test	IEC:62271-102
167	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Dry power frequency voltage withstand test	IEC:62271-103
168	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Endurance test	IEC:62271-102
169	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Endurance test	IEC:62271-103
170	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-102

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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
171	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-102
172	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-102
173	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-103
174	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-103
175	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Lightning impulse voltage withstand test	IEC:62271-103
176	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Temperature rise test	IEC:62271-102
177	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	RMU, Isolator, A. B. Switch	Temperature rise test	IEC:62271-103
178	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap changer	Dry power frequency voltage withstand test	IEC:60214-1
179	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap changer	Lightning impulse voltage withstand test	IEC:60214-1
180	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap changer	Lightning impulse voltage withstand test	IEC:60214-1
181	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tap changer	Lightning impulse voltage withstand test	IEC:60214-1