National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HIGH VOLTAGE PRODUCTS LABORATORY - HITACHI ENERGY INDIA LIMITED, MANEJA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/10/2022 to 25/10/2024 **Last Amended on** 24/11/2022

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- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	AC-withstand test on low-voltage terminal of the capacitor voltage divider	Withdrawn IEC 60044-5 (2004) cl.no.10.2.4, IEC 61869-5
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Chopped impulse voltage withstand test on primary terminals	Withdrawn IEC 60044-5 (2004),IEC 61869-5
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	Insulation test of the electromagnetic unit	Withdrawn IEC 60044-5 (2004) cl.no.10.4.1 (withdrawn), IEC 61869-5
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Lightning Impulse voltage withstand test on primary terminal	Withdrawn IEC 60044-5 (2004),IEC 61869-1,IEC 61869-5 cl.no.7.3.1
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Lightning Impulse voltage withstand test on primary terminal.	Withdrawn IEC 60044-5 (2004),IEC 61869-5
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Measurement of capacitance	IS 16227 (PART-5)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Measurement of capacitance	Withdrawn IEC 60044-5 (2004), IEC 61869-5 cl.no.7.3.1
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Measurement of dielectric dissipation factor	Withdrawn IEC 60044-5 (2004) , IEC 61869-5 cl.no.7.3.1
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Partial Discharge measurement	IS 16227 (PART-5)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Partial Discharge measurement	Withdrawn IEC 60044-5 (2004) IEC:61869-1 cL.NO.7.2.5.1 2007 & IEC 61869-5
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Radio interference voltage measurement	IS 16227 (PART-5)
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Radio interference voltage measurement	Withdrawn IEC 60044-5 (2004),IEC:61869-1 cL.NO.7.2.5.1 : 2007 & IEC 61869-5
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Switching impulse voltage withstand test	Withdrawn IEC 60044-5 (2004), IEC:61869-1 cL.NO.7.2.5.1 , IEC 61869-5
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	Switching impulse voltage withstand test.	IS 16227 (PART-5)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Visible corona measurement	POWERGRID specification (GTR-Rev. No. 14)

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16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Wet Power frequency voltage withstand tests on primary terminal	IS 16227 (PART-2)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Wet Power frequency voltage withstand tests on primary terminal	Withdrawn IEC 60044-5 (2004),IEC 61869-1-cl.no.7.3.1 & 61869-5
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Ferro-resonance Test	IEC 60044-5:2004 (Withdrawn), IEC 61869-5 , Clause 7.2.503,7.3.501
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Power frequency Voltage withstand test on secondary winding	IS 16227 (PART-5)
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Power frequency Voltage withstand test on secondary winding	Withdrawn IEC 60044-5 (2004) cl.no.10.4.2, IEC 61869-5
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Test for accuracy - Ratio error	Withdrawn IEC 60044-5 (2004) cl.no.10.6, IEC 61869-5
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Test for accuracy -Phase angle error	Withdrawn IEC 60044-5 (2004) cl.no.10.6, IEC 61869-5
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (300 kV to 400 kV) 4400pf to 18200pF	Wet Switching impulse voltage withstand test	IS 16227 (PART-5)
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (300 kV to 400 kV) 4400pf to 18200pF	Wet Switching impulse voltage withstand test	Withdrawn IEC 60044-5 (2004),IEC 61869-1 cl.no.7.3.1 IEC 61869-5
25	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	AC-withstand test on low-voltage terminal of the capacitor voltage divider	IS 16227 (PART-5)
26	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pF	Chopped impulse voltage withstand test on primary terminals	IS 16227 (PART-5)
27	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	Insulation test of the electromagnetic unit	IS 16227 (PART-5)
28	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Test for accuracy - Phase angle error	IS 16227 (PART-5)
29	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 765 kV) 4400pf to 18200pf	Test for accuracy - ratio error	IS 16227 (PART-5)
30	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage Transformer	Measurement dielectric dissipation factor.	IS 16227 (Part-5)

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31	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pf	Power frequency voltage withstand tests on primary terminal.	IS 16227 (PART-5)
32	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pF to 18200pF	Power frequency voltage withstand tests on primary terminal.	Withdrawn IEC 60044-5 (2004), IEC 61869-1 cl.no.7.3.1 2007 IEC61869-5
33	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pf	Verification of terminal marking & polarity check	IS 16227 (PART-2)
34	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (66 kV to 400 kV) 4400pf to 18200pf	Verification of terminal marking & polarity check	Withdrawn IEC 60044-5 (2004), IEC 61869-5 cl.no.6.13.501: 2011
35	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV 400 kV) 4400 pF to 13200 pF	Partial Discharge measurement	IEC 60358 -1, IEC 60358 - 4
36	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 400 kV) 4400 pF to 13200 pF	Measurement of dielectric dissipation factor	IEC 60358 -1, IEC 60358 - 4
37	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 400 kV) 4400 pF to 13200 pF	Visible corona measurement	POWERGRID specification (GTR-Rev. No. 14)
38	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 400 kV) (4400 pF to 13200 pF)	Lightning Impulse voltage withstand test on primary terminal	IEC 60358 -1, IEC 60358 - 4
39	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 400 kV) (4400 to 13200pF)	Power frequency voltage withstand tests on primary terminal.	IEC 60358 -1, IEC 60358 - 4
40	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 400 kV) 4400 pF to 13200 pF	Measurement of capacitance	IEC 60358 -1, IEC 60358 - 4
41	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 420 kV) (4400 to 13200pF)	Wet Power frequency voltage withstand tests on primary terminal	IEC 60358IEC 60358 -1, IEC 60358 - 4
42	ELECTRICAL- INDUCTORS & TRANSFORMERS	Coupling Capacitors (66 kV to 420 kV) 4400 to 13200pF	Wet Power frequency voltage withstand tests on primary terminal	IEC 60358
43	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (300 kV to 400 kV) 50A to 4000A	Wet Switching impulse voltage withstand test	Withdrawn IEC 60044-1:1996,IEC 61869-1 & IEC 61869-2
44	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (300kV to 400 kV) 50A to 4000A	Wet Switching impulse voltage withstand test	IS 16227 (PART-2)
45	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV)	Chopped impulse voltage withstand test on primary terminals	IEC 60044-1:1996 (Withdrawn) , IEC 61869-1-cl.no.7.4.1

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46	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Chopped impulse voltage withstand test on primary terminals	IS 16227 (PART-2)
47	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Lightning Impulse voltage withstand test on primary terminal.	IEC 60044-1:1996 (Withdrawn),IEC 61869-1-cl.no.7.3.1 & IEC 61869-2
48	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Lightning Impulse voltage withstand test on primary terminal.	IS 16227 (PART-2)
49	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Measurement of capacitance	IS 16227 (PART-2)
50	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Measurement of capacitance	Withdrawn IEC 60044-1:1996, IEC 61869-1:2007-cl.no.7.4.3. & IEC 61869-2
51	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Measurement of dielectric dissipation factor	IS 16227 (PART-2)
52	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Measurement of dielectric dissipation factor	Withdrawn IEC 60044-1:1996, IEC 61869-1-cl.no.7.4.3
53	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Partial Discharge measurement	IS 16227 (PART-2)
54	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Partial Discharge measurement	Withdrawn IEC 60044-1:1996,IEC 61869-1-cl.no.7.3.2
55	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Power frequency voltage withstand tests on primary terminal.	IS 16227 (PART-2)
56	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Power frequency voltage withstand tests on primary terminal.	Withdrawn IEC 60044-1:1996,IEC 61869-1 cl.no.7.3.1 , IEC 61869-2
57	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Radio interference voltage measurement	IS 16227 (PART-2)
58	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Radio interference voltage measurement	Withdrawn IEC 60044-1:1996, IEC 61869-1-cl.no.7.2.5.1
59	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Switching impulse voltage withstand test.	IS 16227 (PART-2)
60	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Switching impulse voltage withstand test.	Withdrawn IEC 60044-1:1996, IEC 61869-1
61	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Temperature co-efficient Test (Capacitance)	POWERGRID specification (GTR-Rev. No. 14)

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62	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Temperature co-efficient Test (Tan Delta)	POWERGRID specification (GTR-Rev. No. 14)
63	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Temperature co-efficient Test (Voltage)	POWERGRID specification (GTR-Rev. No. 14)
64	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Temperature rise test	Withdrawn IEC 60044-1:1996, IEC 61869-1,2 Cl. no. 7.2.2
65	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Thermal Stability Test (Capacitance)	POWERGRID specification (GTR-Rev. No. 14)
66	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Thermal Stability Test (Tan Delta)	POWERGRID specification (GTR-Rev. No. 14)
67	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Thermal Stability Test (Voltage)	POWERGRID specification (GTR-Rev. No. 14)
68	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Visible corona measurement	POWERGRID specification (GTR-Rev. No. 14)
69	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Wet Power frequency voltage withstand tests on primary terminal	IS 16227 (PART-5)
70	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 4000A	Wet Power frequency voltage withstand tests on primary terminal	Withdrawn IEC 60044-1:1996,IEC 61869-1 cl.no.7.3.1 IEC 61869-2
71	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 400 kV) 50A to 5000A	Temperature rise test	IS 16227 (PART-2)
72	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Accuracy test - Ratio error	Withdrawn IEC 60044-1:1996, IEC 61869-1,2 -cl 7.3.5
73	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Accuracy Test -Phase angle error	Withdrawn IEC 60044-1:1996, IEC 61869-1,2-cl 7.3.5
74	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Accuracy test-Phase angle error	IS 16227 (PART-2)
75	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Accuracy test-ratio error	IS 16227 (PART-2)
76	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of composite error of protection class core	IS 16227 (PART-2)
77	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of composite error of protection class core	Withdrawn IEC 60044-1:1996, IEC 61869-1, 2 cl.no.7.2.6.203
78	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of Instrument security factor (ISF) of measuring current transformer	IS 16227 (PART-2)

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79	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of Instrument security factor (ISF) of measuring current transformer	Withdrawn IEC 60044-1:1996 cl.no.11.6, IEC 61869-1,2 cl.no.7.5.2
80	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of winding resistance	IEC 60044-1-cl.no.14.4.1:1996 (withdrawn), IEC 61869-2 cl.no.7.3.201
81	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Determination of winding resistance	IS 16227 (PART-2)
82	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Intern-turn over voltage test-4.5 kVpeak & 10 kVpeak for protection class core.	IS 16227 (PART-2)
83	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Intern-turn over voltage test for .4.5 kVpeak & 10 kVpeak for protection class core.	IEC 60044-1-cl.no.8.4:1996 (withdrawn) &14.4.5, IEC 61869-2 cl.no.7.3.204,
84	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Intern-turn over voltage test-1Amp & 5Amp for Metering	IEC 60044-1-cl.no.8.4:1996 (withdrawn) &14.4.5, IEC 61869-2 cl.no.7.3.204
85	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Intern-turn over voltage test-Rated secondary current 1 A, 5A for metering.	IS 16227 (PART-2)
86	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Polarity check	IS 16227 (PART-2)
87	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Polarity check	Withdrawn IEC 60044-1:1996, IEC 61869-1,2 cl.no.6.13.201.4
88	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Power frequency Voltage withstand test on secondary winding	IS 16227 (PART-2)
89	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Power frequency Voltage withstand test on secondary winding	Withdrawn IEC 60044-1:1996, IEC 61869-1, 2 cl.no.7.3.4
90	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IEC 60044-1-cl.no.14.4.1:1996 (withdrawn), IEC 61869-2 cl.no.7.3.203
91	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IS 16227 (PART-2)
92	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Test for turns ratio error for class PX and PXR protective current transformers	IS 16227 (PART-2)

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93	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A	Test for turns ratio error for class PX and PXR protective current transformers	Withdrawn IEC 60044-1:1996, IEC 61869-1,2 cl 7.3.5.206
94	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer (66 kV to 765 kV) 50A to 4000A Cl: 0.1,Upto:100VA	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	Withdrawn IEC 60044-1:1996-cl.no.14.4.1, IEC 61869-2 (2012) cl.no.7.3.203
95	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Measurement of dielectric dissipation factor.	IEC 62146-1 Amd. -1
96	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Measurement of dielectric dissipation factor.	IS 11530
97	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Partial Discharge measurement	IEC 62146-1 Amd. -1
98	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Measurement of capacitance	IS 11530
99	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Partial Discharge measurement	IS 11530
100	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Switching impulse voltage withstand test.	IEC 62146-1 Amd. -1
101	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 to 2600 pF)	Lightning Impulse voltage withstand test on primary terminal.	IEC 62146-1 Amd. -1
102	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 to 2600 pF)	Power frequency voltage withstand tests on primary terminal.	IEC 62146-1 Amd. -1
103	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 to 2600 pF)	Power frequency voltage withstand tests on primary terminal.	IS 11530
104	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 to 2600 pF)	Wet Power frequency voltage withstand tests on primary terminal	IEC 62146-1 Amd. -1
105	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 to 2600 pF)	Lightning Impulse voltage withstand test on primary terminal.	IS 11530
106	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Measurement of capacitance	IEC 62146-1 Amd. -1
107	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Switching impulse voltage withstand test	IS 11530
108	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Wet Power frequency voltage withstand tests on primary terminal	IS 11530

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109	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Wet Switching impulse voltage withstand test	IEC 62146-1 Amd. -1
110	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Grading Capacitor (500 pF to 2600 pF)	Wet Switching impulse voltage withstand test	IS 11530
111	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Breakdown voltage	IEC 60156
112	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Breakdown voltage	IS 6792
113	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Density measurement	IS 1448 (P:16)
114	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Density measurement	ISO 3675
115	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Dissipation factor	IEC 60247
116	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Dissipation factor	IS 6262
117	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Interfacial Tension	IS 6104
118	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Measurement of dissolve gases - Carbon Dioxide	IEC 60567,IEC 60599
119	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Measurement of dissolve gases - Carbon monoxide	IEC 60567,IEC 60599
120	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Measurement of dissolve gases - Hydrocarbons	IEC 60567, IEC 60599
121	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Measurement of dissolve gases - Hydrogen	IEC 60567, IEC 60599
122	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Measurement of dissolve gases Atmospheric gases	IEC 60567 (2011), IEC 60599

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123	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Moisture Content	IEC 60814
124	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Moisture Content	IS 13567
125	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Resistivity measurement	IEC 60247
126	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials	Resistivity measurement	IS 6103
127	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid insulating Materials	Water content measurement	IEC 60814
128	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid insulating Materials	Water content measurement	IS 13567
129	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Radio interference voltage measurement	IEC 60137
130	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Radio interference voltage measurement	IS 2099
131	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 245 kV)	Wet Power frequency voltage withstand tests on primary terminal	IS 2099
132	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 245 kV)	Wet Power frequency voltage withstand tests on primary terminal.	IEC 60137
133	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Power frequency voltage withstand tests on primary terminal.	IEC 60137
134	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Lightning Impulse voltage withstand test on primary terminal	IEC 60137

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135	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Lightning Impulse voltage withstand test on primary terminal.	IS 2099
136	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Measurement of capacitance	IEC 60137
137	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Measurement of capacitance	IS 2099
138	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Measurement of dielectric dissipation factor	IS 2099
139	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Measurement of dielectric dissipation factor.	IEC 60137
140	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Partial Discharge measurement	IEC 60137
141	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Partial Discharge measurement	IS 2099
142	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV)	Power frequency voltage withstand tests on primary terminal.	IS 2099
143	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV) up to 3500 A	Temperature rise test	IEC 60137
144	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (11 kV to 420 kV) up to 3500 A	Temperature rise test	IS 2099
145	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (245 kV to 420 kV)	Switching impulse voltage withstand test	IS 2099

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146	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (245 kV to 420 kV)	Switching impulse voltage withstand test.	IEC 60137
147	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (245 kV)	Wet Switching impulse voltage withstand test	IEC 60137
148	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings (245 kV)	Wet Switching impulse voltage withstand test.	IS 2099
149	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (300 kV to 420 kV) Up to 5000A	Switching impulse voltage withstand test.	IEC 62271-1:2017, IEC 62271-100, Cl no. 7.2
150	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) Up to 5000A	Switching impulse voltage withstand test.	"Withdrawn Standard" IS 13118
151	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Wet Power frequency voltage withstand tests on primary terminal.	IEC 62271-1:2017, IEC 62271-100, Cl no. 7.2
152	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Power frequency voltage withstand tests on primary terminal.	"Withdrawn Standard" IS 13118
153	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Power frequency voltage withstand tests on primary terminal.	IEC 62271-1:2017, IEC 62271-100, Cl no. 7.2
154	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Wet Power frequency voltage withstand tests on primary terminal.	"Withdrawn Standard" IS 13118
155	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature - Di-electric tests on auxiliary & control circuit	IEC 62271-100 , Cl.no. 7.101,7.4, 7.2.11 & 7.2.12

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156	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature - Measurement of Travel Characteristics (Charging Time)	IEC 62271-100 , Cl.no. 7.101
157	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature - Resistance measurements of contacts and connections in the main circuit as a condition check	IEC 62271-100 , Cl.no. 7.101 & 7.4.4
158	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature - Measurement of Coil Resistance	IEC 62271-100 , Cl.no. 7.101
159	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature- Measurement of Gas Densities or Pressure	IEC 62271-100 , Cl.no. 7.101
160	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature- Measurement of Travel Characteristics (Current)	IEC 62271-100 , Cl.no. 7.101
161	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature- Measurement of Travel Characteristics (Time)	IEC 62271-100 , Cl.no. 7.101
162	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 800 kV) up to 5000 Amp	Mechanical operation test at ambient air temperature- Measurement of Travel Characteristics (Voltage)	IEC 62271-100 , Cl.no. 7.101
163	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Continuous current test (Temperature Rise test)	IEC:62271-1:2017, IEC:62271-100 Cl. No 7.5
164	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Lightning Impulse voltage withstand test on primary terminal	"Withdrawn Standard" IS 13118
165	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Lightning Impulse voltage withstand test on primary terminal	IEC 62271-1:2017, IEC 62271-100, Cl no. 7.2

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166	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Radio interference voltage measurement	"Withdrawn Standard" IS 13118
167	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Radio interference voltage measurement	IEC 62271-1:2017, IEC 62271-100 Cl. No.7.3
168	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) up to 5000 Amp	Temperature rise test	"Withdrawn Standard" IS 13118
169	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (33 kV to 420 kV) Up to 5000A	Visible corona measurement	POWERGRID specification (GTR-Rev. No. 14)
170	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (66 kV to 400 kV) upto 4000 Amp, 63 kA	Lightning Impulse voltage withstand test on primary terminal.	"Withdrawn Standard" IS 13118
171	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Circuit Breaker (66 kV to 400 kV) upto 4000 Amp, 63 kA	Lightning Impulse voltage withstand test on primary terminal.	IEC 62271-100 Cl.No.6.2.11
172	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Switching impulse voltage withstand test	"Withdrawn Standard" IS 9921-4
173	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Switching impulse voltage withstand test.	IEC 62271-1:2017 , IEC 62271-102 Cl. No 7.2
174	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Wet Power frequency voltage withstand tests on primary terminal.	"Withdrawn Standard" IS 9921-4
175	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Wet Power frequency voltage withstand tests on primary terminal.	IEC 62271-1:2017 , IEC 62271-102 Cl. No 7.2
176	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Wet Switching impulse voltage withstand test.	"Withdrawn Standard" IS 9921-4

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177	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Wet Switching impulse voltage withstand test.	IEC 62271-1:2017 , IEC 62271-102 Cl. No 7.2
178	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000A	Power frequency voltage withstand tests on primary terminal.	"Withdrawn Standard" IS 9921-4
179	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000A	Power frequency voltage withstand tests on primary terminal.	IEC 62271-1:2017, IEC 62271-102 Cl.No.7.2
180	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 550 kV) up to 5000 Amp	Radio interference voltage measurement	IEC 62271-1:2017, IEC 62271-102 Cl no. 7.3
181	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 550 kV) up to 5000 Amp	Visible corona measurement	POWERGRID specification (GTR-Rev. No. 14)
182	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 550 kV) up to 5000 Amp	Radio interference voltage measurement	"Withdrawn Standard" IS 9921-4
183	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 800 kV) up to 4000 Amp	Temperature rise test	"Withdrawn Standard" IS 9921-4
184	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 800 kV) up to 5000 Amp	Mechanical endurance test - Measurement of Contact Resistance	IEC 62271-1:2017, IEC 62271-102 ,Cl.no.7.102 & 7.4
185	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 800 kV) up to 5000 Amp	Mechanical endurance test - Current measurement	IEC 62271-1:2017, IEC 62271-102, Cl.No.7.102 & 7.4
186	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 800 kV) up to 5000 Amp	Mechanical endurance test - Power frequency test on auxiliary winding	IEC 62271-1 :2017 Cl No. 7.10.5, IEC 62271-102 ,Cl.no.7.102
187	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 800 kV) up to 5000 Amp	Mechanical endurance test - Measurement of operating time	IEC 62271-1:2017, IEC 62271-102 Cl.no.7.102

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188	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector (33 kV to 420 kV) up to 5000 Amp	Wet Power frequency voltage withstand tests on primary terminal.	IS 3427
189	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Lightning impulse dry withstand voltage tests	IEEE Std C37.30.1 Cl. No 8.1
190	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Lightning impulse open-gap withstand voltage test	IEEE Std C37.30.1 Cl. No 8.1
191	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Lightning Impulse voltage withstand test on primary terminal.	"Withdrawn Standard" IS 9921-4
192	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Lightning impulse withstand voltage tests	IEC 62271-1:2017, IEC 62271-102 Cl. No 7.2
193	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Power frequency dry withstand voltage test	IEEE Std C37.30.1 Cl. No 8.1
194	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Power frequency open-gap withstand voltage test	IEEE Std C37.30.1 Cl. No 8.1
195	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Power frequency wet withstand voltage test	IEEE Std C37.30.1 Cl. No 8.1
196	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 420 kV, up to 5000A	Switching impulse voltage tests of switches rated 362 kV and above.	IEEE Std C37.30.1 Cl. No 8.1
197	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 550 kV, up to 5000A	Corona tests	IEEE Std C37.30.1 Cl. No 8.7
198	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 550 kV, up to 5000A	Radio-influence tests	IEEE Std C37.30.1 Cl. No 8.8

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199	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV , up to 2000 Amp	Switch performance test	IEEE Std C37.30.1 Cl .No 8.2.2
200	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 4000 Amp	Continuous current test (Temperature rise test)	IEC 62271-1: 2017, IEC 62271-102 Cl. No 7.5
201	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 4000 Amp	Continuous current tests (Temperature rise tests)	IEEE Std C37.30.1 Cl. No 8.2.1
202	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 5000 Amp	Mechanical operations tests : Measurement of operating time	IEEE Std C37.30.1: 2011 Cl. No 8.6 and IEEE Std C37.30.1a™
203	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 5000 Amp	Mechanical operations tests :Measurement of Contact Resistance	IEEE Std C37.30.1: 2011 Cl. No 8.6 and IEEE Std C37.30.1a™
204	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 5000 Amp	Mechanical operations tests :Measurement of Current	IEEE Std C37.30.1: 2011 Cl. No 8.6 and IEEE Std C37.30.1a™
205	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 5000 Amp	Testing of mechanical interlocking devices.	IEC 62271-1:2017, IEC 62271-102 Cl.No.7.102
206	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 33 kV to 800 kV, up to 5000 Amp	Tests to verify the proper functioning of the position-indicating device	IEC 62271-1:2017, IEC 62271-102 Cl. No 7.105
207	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 66 kV to 400 kV, 800 Amp to 4000 Amp	Lightning Impulse voltage withstand test on primary terminal.	"Withdrawn Standard" IS 9921-4
208	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Disconnector 66 kV to 400 kV, 800 Amp to 4000 Amp	Lightning Impulse voltage withstand test on primary terminal.	IEC 62271-102 , Cl.No.6.102, 6.4, IEC 62771-1 Cl no. 6.2 & IEC 62271-200