National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KANOHAR ELECTRICALS LIMITED, GANGOL ROAD, MEERUT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/05/2023 to 27/05/2025 **Last Amended on** 08/06/2023

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	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Induced Over Voltage Withstand Test	IS : 1180 (Part 1), Cl. 21.2(f)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Induced Over Voltage Withstand Test	IS : 2026 (Part 3), Cl. 11.2
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Insulation Resistance and Polarization Index	IS : 1180 (Part 1), Cl. 21.2(e)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Insulation Resistance and Polarization Index	IS : 2026 (Part 1), Cl. 10.1.3(j)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Lightning Impulse (Full Wave)	IS : 1180 (Part 1), Cl. 21.3(a)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Lightning Impulse (Full Wave)	IS :2026 (Part 3), Cl. 13.2 & 13.3
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	No load loss and No load current	IS : 1180 (Part 1), Cl. 21.2(d)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	No load loss and No load current	IS : 1180 (Part 1), Cl. 21.2(d)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	No load loss and No load current	IS : 2026 (Part 1), Cl. 10.5
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	No load loss and No load current	IS : 2026 (Part 1), Cl. 10.5
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Oil Leakage Test on Complete Transformer	CBIP Manual - 317, Cl. 3.28 Sec BB
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Oil Leakage Test on Complete Transformer	IS : 1180 (Part 1), Cl. 21.2(j)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Pressure Deflection	CBIP Manual - 317, Cl. 17.3.1 Sec A
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Pressure Deflection	IS : 1180 (Part 1), Cl. 21.5
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Separate Source AC Withstand Voltage Test	IS : 1180 (Part 1), Cl. 21.2(g)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Separate Source AC Withstand Voltage Test	IS : 2026 (Part 3), Cl.10
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Short Circuit Impedance and Load Loss	IS : 1180 (Part 1), Cl. 21.2(c)
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Short Circuit Impedance and Load Loss	IS : 1180 (Part 1), Cl. 21.2(c)

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19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Short Circuit Impedance and Load Loss	IS : 2026 (Part 1), Cl. 10.4
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Short Circuit Impedance and Load Loss	IS : 2026 (Part 1), Cl. 10.4
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Sound Levels (Acoustic Noise Level)	IS : 1180 (Part 1), Cl. 21.4(a)
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Sound Levels (Acoustic Noise Level)	IS : 2026 (Part 10)
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Temperature Rise	IS : 1180 (Part 1), Cl. 21.3(b)
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Temperature Rise	IS : 2026 (Part 2)
25	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Vacuum Deflection	CBIP Manual - 317, Cl. 17.3.1 Sec A
26	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Vacuum Deflection	IS : 1180 (Part 1), Cl. 21.5
27	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Verification of Vector Group	IS : 1180 (Part 1), Cl. 21.2(b)
28	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Verification of Vector Group	IS : 2026 (Part 1), Annex E
29	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Voltage Ratio and Polarity Checks	IS : 1180 (Part 1), Cl. 21.2(b)
30	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Voltage Ratio and Polarity Checks	IS : 2026 (Part 1), Cl. 10.3
31	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Winding Resistance	IS : 1180 (Part 1), Cl. 21.2(a)
32	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (100 kVA to 2500 kVA, upto 33 kV)	Winding Resistance	IS : 2026 (Part 1), Cl. 10.2
33	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (Above 2.5 MVA to 500 MVA, 11 kV to 400 kV)	Check of external coating (Paint Shade, Thickness & Adhesion Test)	IEC : 60076 (Part 1), Cl. 11.1.4(m)
34	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (Above 2.5 MVA to 500 MVA, 11 kV to 400 kV)	Check of the ratio and polarity of built in current transformers	IEC : 60076 (Part 1), Cl. 11.1.2.1(i)
35	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (Above 2.5 MVA to 500 MVA, 11 kV to 400 kV)	Jacking Test and Dye-penetration Test	CBIP Manual - 317, Cl. 3.29 Sec BB
36	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (Above 2.5 MVA to 500 MVA, 11 kV to 400 kV)	Pressure Operating Test on Pressure Relief Valve	CBIP Manual - 317, Cl. 3.30 Sec BB

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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
37	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Applied Voltage Test (Separate Source AC Withstand Voltage Test)	IEC : 60076 (Part 3), Cl. 10
38	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Applied Voltage Test (Separate Source AC Withstand Voltage Test)	IS :2026 (Part 3) , Cl. 10
39	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Capacitance & Tan Delta	IEC : 60076 (Part 1), Cl. 11.1.4(c)
40	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Capacitance & Tan Delta	IEC : 60076 (Part 1), Cl. 11.1.4(c)
41	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Capacitance & Tan Delta	IS : 2026 (Part 1), Cl. 10.1.3(b)
42	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Capacitance & Tan Delta	IS : 2026 (Part 1), Cl. 10.1.3(b)
43	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Check of core and frame insulation / Magnetic Circuit Test / Auxiliary Wiring Insulation Test	IEC : 60076 (Part 3), Cl. 9
44	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Check of core and frame insulation / Magnetic Circuit Test / Auxiliary Wiring Insulation Test	IS :2026 (Part 3), Cl. 9
45	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Frequency Response Analysis (SFRA Test)	CBIP Manual - 317 : 2013 , Cl. 3.22 Sec BB
46	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Frequency Response Analysis (SFRA Test)	IEC : 60076 (Part 1), Cl. 11.1.4(l)
47	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Harmonics of the No Load Current	CBIP Manual - 317, Cl. 3.12 Sec BB
48	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Harmonics of the No Load Current	IS : 2026 (Part 1), Cl. 10.6
49	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced AC Voltage Withstand Test	IEC : 60076 (Part 3), Cl. 11.2
50	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced AC Voltage Withstand Test	IS :2026 (Part 3) , Cl. 11.2
51	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IEC : 60076 (Part 3), Cl. 11
52	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IEC : 60076 (Part 3), Cl. 11
53	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IS :2026 (Part 3), Cl. 11

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54	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IS :2026 (Part 3), Cl. 11
55	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Insulation Resistance and Polarization Index	CBIP Manual - 317, Cl. 3.5 Sec BB
56	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Insulation Resistance and Polarization Index	IEC : 60076 (Part 1), Cl. 11.1.2.2
57	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Insulation Resistance and Polarization Index	IS : 2026 (Part 1), Cl. 10.1.3(j)
58	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Lightning Impulse (Full Wave, Chopped Wave)	IS :2026 (Part 3) , Cl. 13.2 ,13.3,13.4
59	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Lightning Impulse (Full Wave, Chopped Wave)	IEC : 60076 (Part 3), Cl. 13.2 ,13.3,13.4
60	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Line Terminal AC Withstand Voltage Test	IEC : 60076 (Part 3), Cl. 12
61	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Line Terminal AC Withstand Voltage Test	IS :2026 (Part 3), Cl. 12
62	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Magnetic Balance	CBIP Manual - 317, Cl. 3.17 Sec BB
63	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Magnetising Current at Low Voltage	CBIP Manual - 317, Cl. 3.23 Sec BB
64	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	No load loss and No load current	IEC : 60076 (Part 1), Cl. 11.5
65	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	No load loss and No load current	IEC : 60076 (Part 1), Cl. 11.5
66	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	No load loss and No load current	IS : 2026 (Part 1) , Cl. 10.5
67	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	No load loss and No load current	IS : 2026 (Part 1) , Cl. 10.5
68	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Oil Leakage Test on Complete Transformer	CBIP Manual - 317, Cl. 3.28 Sec BB
69	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Oil Leakage Test on Complete Transformer	IEC : 60076 (Part 1), Cl. 11.8
70	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Power Taken by Fans and Oil Pumps (Auxiliary Losses)	IEC : 60076 (Part 1), Cl. 11.1.3(d)
71	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Power Taken by Fans and Oil Pumps (Auxiliary Losses)	IS : 2026 (Part 1) , Cl. 10.1.3(h)
72	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Pressure Deflection	CBIP Manual - 317, Cl. 17.3.1 Sec A

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73	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Short Circuit Impedance and Load Loss	IEC : 60076 (Part 1), Cl. 11.4
74	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Short Circuit Impedance and Load Loss	IEC : 60076 (Part 1), Cl. 11.4
75	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Short Circuit Impedance and Load Loss	IS : 2026 (Part 1) , Cl. 10.4
76	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Short Circuit Impedance and Load Loss	IS : 2026 (Part 1) , Cl. 10.4
77	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Sound Levels (Acoustic Noise Level)	IEC : 60076 (Part 10)
78	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Sound Levels (Acoustic Noise Level)	IS : 2026 (Part 10)
79	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Switching Impulse	IEC : 60076 (Part 3), Cl. 14
80	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Switching Impulse	IS :2026 (Part 3) , Cl. 14
81	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Temperature Rise	IEC : 60076 (Part 2)
82	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Temperature Rise	IS : 2026 (Part 2)
83	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Test on OLTC	IEC : 60076 (Part 1), Cl. 11.7
84	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Test on OLTC	IS : 2026 (Part 1), Cl. 10.8
85	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Vacuum Deflection	CBIP Manual - 317, Cl. 17.3.1 Sec A
86	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Verification of Vector Group	IEC : 60076 (Part 1), Annex E
87	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Verification of Vector Group	IS : 2026 (Part 1) , Annex E
88	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Voltage Ratio and Polarity Checks	IEC : 60076 (Part 1) , Cl. 11.3
89	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Voltage Ratio and Polarity Checks	IS : 2026 (Part 1), Cl. 10.3
90	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Winding Resistance	IS : 2026 (Part 1), Cl. 10.2
91	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Winding Resistance	IEC : 60076 (Part 1), Cl. 11.2

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92	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Zero Sequence Impedance	IS : 2026 (Part 1), Cl. 10.7
93	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (2.5 MVA to 500 MVA, 11 kV to 400 kV)	Zero Sequence Impedance	IEC : 60076 (Part 1), Cl. 11.6
94	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Applied Voltage Test (Separate Source AC Withstand Voltage Test)	IEC : 60076 (Part 6), Cl. 7.8.10.2
95	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Capacitance & Tan Delta	IEC : 60076 (Part 1), Cl. 11.1.4(c)
96	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Capacitance & Tan Delta	IEC : 60076 (Part 1), Cl. 11.1.4(c)
97	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Check of core and frame insulation / Magnetic Circuit Test / Auxiliary Wiring Insulation Test	CBIP Manual - 317, Cl. 3.15 Sec BB
98	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Check of external coating (Paint Shade, Thickness & Adhesion Test)	IEC : 60076 (Part 1), Cl. 11.1.4(m)
99	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Frequency Response Analysis (SFRA Test)	CBIP Manual - 317, Cl. 3.22 Sec BB
100	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Harmonics of the Current	IEC : 60076 (Part 6), Cl. 7.8.7
101	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IEC : 60076 (Part 6), Cl. 7.8.10.3
102	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Induced Voltage Test with Partial Discharge (IVPD)	IEC : 60076 (Part 6), Cl. 7.8.10.3
103	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Insulation Resistance and Polarization Index	IEC : 60076 (Part 6), Cl. 7.8.2
104	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Jacking Test and Dye-penetration Test	CBIP Manual - 317, Cl. 3.29 Sec BB
105	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Lightning Impulse (Full Wave, Chopped Wave)	IEC : 60076 (Part 6), Cl. 7.8.10.4
106	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Measurement of Vibration	IEC : 60076 (Part 6), Cl. 7.8.13
107	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Oil Leakage Test on Complete Reactor	CBIP Manual - 317, Cl. 3.28 Sec BB
108	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Pressure Operating Test on Pressure Relief Valve	CBIP Manual - 317, Cl. 3.30 Sec BB

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109	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Reactance & Load Measurement	IEC : 60076 (Part 6), Cl. 7.8.5&7.8.6
110	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Reactance & Load Measurement	IEC : 60076 (Part 6), Cl. 7.8.5&7.8.6
111	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Sound Levels (Acoustic Noise Level)	IEC : 60076 (Part 6), Cl. 7.8.12
112	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Switching Impulse	IEC : 60076 (Part 6), Cl. 7.8.10.6
113	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Winding Resistance	IEC : 60076 (Part 6), Cl. 7.8.2
114	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (25 MVAr to 80 MVAr, 245 kV to 420 kV)	Zero Sequence Reactance	IEC : 60076 (Part 6), Cl. 7.8.8