National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 1 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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	Shunt Reactors125 MVAR 400kV Class	Lightening Impulse Test Full Wave & Chopped Wave	IEC 60076 Part 6
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Measurement of Losses	IEC 60076 Part 6
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Measurement of Stress	IEC 60076 Part 6
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Switching Impulse Test	IEC 60076 Part 6
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA	Voltage Ratio	IS 2026: Part 1
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Applied Voltage Test	IEC 60076 Part 3
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Applied Voltage test	IS 2026: Part 3
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Impedance	IEC 60076 Part 1
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Induced Over Voltage Test with PD Measurement IVPD	IEC 60076 Part 3
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Induced Over Voltage Test.	IEC 60076 Part 3
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Induced voltage test (IVW) / LTAC	IS 2026: Part 3
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Induced voltage test with PD Measurement (IVPD)	IS 2026: Part 3
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Insulation Resistance	IEC 60076 Part 1
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Isolation Test	IEC 60076 Part 1
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Lightening Impulse Test Full wave & Chopped wave.	IEC 60076 Part 3
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Lightning Impulse test Full wave & chop wave	IS 2026: Part 3
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Auxiliary Losses	IEC 60076 Part 1
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Capacitance	IEC 60076 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 2 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Harmonics	IEC 60076 Part 1
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Load Loss	IEC 60076 Part 1
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Load Loss	IS 2026: Part 1
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Magnetizing current	IS 2026: Part 1
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of No Load Current	IEC 60076 Part 1
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of No Load Loss	IEC 60076 Part 1
25	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of No-Load loss	IS 2026: Part 1
26	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Sweep frequency response analysis	IEC 60076 Part 18
27	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Tan delta	IEC 60076 Part 1
28	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Measurement of Tan delta	IS 2026: Part 1
29	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Noise Level Measurement	IEC 60076 Part 10
30	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Sweep Frequency Response Analysis	IEC 60076 Part 18
31	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Switching Impulse Test	IEC 60076 Part 3
32	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Switching Impulse Test	IS 2026: Part 3
33	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Temperature Rise Test	IEC 60076 Part 2
34	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Temperature Rise test	IS 2026: Part 2
35	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Vector Group	IEC 60076 Part 1
36	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Vector Group	IS 2026: Part 1
37	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Voltage Ratio	IEC 60076 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 3 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
38	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Winding Resistance	IS 2026: Part 1
39	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase	Zero Phase Sequence Impedance	IEC 60076 Part 1
40	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Isolation Test	IS 2026: Part 1
41	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Aux equipment Loss	IS 2026: Part 1
42	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of capacitance	IS 2026: Part 1
43	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Harmonics	IS 2026: Part 1
44	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Impedance	IS 2026: Part 1
45	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Insulation Resistance	IS 2026: Part 1
46	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of magnetic balance	IS 2026: Part 1
47	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of no load current	IS 2026: Part 1
48	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Noise Level	IS 2026: Part 10
49	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Measurement of Zero Phase sequence Impedance	IS 2026: Part 1
50	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power/Auto Transformer from 1 MVA to 500 MVA 400kV single phase/Three phase 50 Hz	Winding Resistance measurement	IEC 60076 Part 1
51	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactor up to 125 MVAr, 400 kV	Measurement of Sweep frequency response analysis	IS 2026: Part 18
52	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV	Winding Resistance	IS 2026: Part 6
53	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV	Winding Resistance Measurement	IEC 60076 Part 6
54	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Applied Voltage test (AV)	IS 2026: Part 6
55	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Induced voltage test with PD Measurement (IVPD)	IS 2026: Part 6
56	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Isolation Test	IS 2026: Part 6

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 4 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
57	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Lightning impulse (LI) / chopped wave (LIC)	IS 2026: Part 6
58	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Measurement Of capacitance	IS 2026: Part 6
59	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Measurement of Magnetizing characteristic	IS 2026: Part 6
60	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Measurement of Noise level	IS 2026: Part 10
61	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Measurement of Reactance Test	IS 2026: Part 6
62	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Measurement of vibration	IS 2026: Part 6
63	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Switching Impulse voltage withstand test	IS 2026: Part 6
64	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400 kV class	Temperature rise test	IS 2026: Part 6
65	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors up to 125 MVAR 400kV	Measurement of Aux equipment Loss	IS 2026: Part 6
66	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Isolation Test	IEC 60076 Part 6
67	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Measurement of Auxiliary Lossess	IEC 60076 Part 6
68	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV class	Measurement of Harmonics	IS 2026: Part 6
69	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Measurement of Magnetizing characteristics	IEC 60076 Part 6
70	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV class	Measurement of Zero Phase sequence impedance / Reactance	IS 2026: Part 6
71	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Reactance Measurement	IEC 60076 Part 6
72	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Sweep Frequency Response Analysis	IEC 60076 Part 18
73	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kV Class	Vibration Measurement	IEC 60076 Part 6
74	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Applied Voltage Test	IEC 60076 Part 6

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 5 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
75	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Induced Over Voltage Test with PD IVPD	IEC 60076 Part 6
76	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Measurement of Capacitance	IEC 60076 Part 6
77	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Measurement of Harmonics	IEC 60076 Part 6
78	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Measurement of Insulation resistance	IS 2026: Part 1
79	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Measurement of Loss	IS 2026: Part 6
80	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Measurement of Tan Delta	IEC 60076 Part 6
81	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Noise Level Measurement	IEC 60076 Part 10
82	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	stress measurement on Tank	IS 2026: Part 6
83	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Temperature Rise Test	IEC 60076 Part 6
84	ELECTRICAL- INDUCTORS & TRANSFORMERS	Shunt Reactors125 MVAR 400kVclass	Zero Phase sequence Impedance /Reactance	IEC 60076 Part 6
85	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Break down voltage test of oil (BDV)	IS 6792
86	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Break Down Voltage Test of oil (BDV).	IEC 60156
87	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	DGA Acetylene C2H2	IS 10593
88	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Carbon di oxide CO2	IS 10593
89	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Carbon mono oxide CO	IS 10593
90	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Ethylene C2H4	IS 10593

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 6 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
91	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Hydrogen H2	IS 10593
92	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Nitrogen N2	IS 10593
93	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	DGA Oxygen O2	IS 10593
94	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dielectric dissipation factor	IS 6262
95	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dielectric Dissipation Factor (Tan Delta)	IEC 60247
96	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis DGA - C2H2 Acetylene	IEC 60567
97	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis Ethane C2H6	IS 10593
98	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis Methane CH4	IS 10593
99	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Carbon Di oxide CO2	IEC 60567
100	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Carbon Mono oxide CO	IEC 60567
101	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Ethane C2H6	IEC 60567
102	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Ethylene C2H4	IEC 60567
103	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved gas Analysis of Hydrogen H2	IEC 60567
104	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Methane CH4	IEC 60567

SCOPE OF ACCREDITATION

Laboratory Name : SHIRDI SAI ELECTRICALS LIMITED, TEST LAB NAINI, 4/3, MIRZAPUR ROAD, CHAK DAUD NAGAR, NAINI INDUSTRIAL AREA, PRAYAGRAJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11639 **Page No** 7 of 7

Validity 12/05/2023 to 11/05/2025 **Last Amended on** -

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
105	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Nitrogen N2	IEC 60567
106	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Dissolved Gas Analysis of Oxygen O2	IEC 60567
107	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Inter facial test (IFT)	IS 6104
108	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Interfacial Test (IFT)	IEC 62961
109	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Moisture Content Measurement of Oil	IEC 60814
110	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Moisture content measurement of oil	IS 13567
111	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Oil Resistivity	IEC 60247
112	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Resistivity measurement of oil	IS 6103