National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DANISH PRIVATE LIMITED, TRANSFORMER TEST LABORATORY, F-679-680, SITAPURA INDUSTRIAL AREA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5905 **Page No** 1 of 3

Validity 30/06/2022 to 29/06/2024 **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	Distribution Transformer	Measurement of Load Loss	IS 1180 (Part 1)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Measurement of Winding Resistance	IS 1180 (Part 1)
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA 33 kV Power Transformer	Induced AC Voltage Withstand Test	IS 2026 (Part 1)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA 33 kV Power Transformer	Measurement of Insulation Resistance & PI	IS 2026 Part 1)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA 33 kV Power Transformer	Separate Source Voltage Withstand Test	IS 2026 Part (3)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV class Power Transformer	Measurement of voltage ratio and check of voltage vector relationship	IS 2026 (Part 1)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV class, Power Transformer	Measurement of winding resistance	IS 2026 (Part 1)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Induced AC Voltage Withstand Test	IEC 60076 (Part 3)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Magnetic Balance Test for Three Phase Transformer	CBIP Publication No. 317
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Impedance Voltage	IEC 60076 (Part 1)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Impedance voltage	IS 2026 (Part 1)
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Insulation Resistance and PI	IEC 60076 (Part 1)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Load Loss	IEC 60076 (Part 1)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Load Loss	IS 2026 (Part 1)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of No Load Loss	IEC 60076 (Part 1)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of No Load Loss	IS 2026 (Part 1)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Voltage Ratio and check of Voltage Vector Relationship	IEC 60076 (Part 1)

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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
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Winding Resistance	IEC 60076 (Part 1)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Zero Sequence Impedance - Current	IEC 60076 (Part 1)
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Zero Sequence Impedance - Voltage	IEC 60076 (Part 1)
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Measurement of Zero Sequence Impedance-Current	IS 2026 (Part 1)
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Separate Source Voltage Withstand Test	IEC 60076 (Part 3)
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Temperature Rise Test	IEC 60076 (Part 2)
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Power Transformer	Temperature Rise Test	IS 2026 (Part 2)
25	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Transformer	Measurement of No Load Current	IEC 60076 (Part 1)
26	ELECTRICAL- INDUCTORS & TRANSFORMERS	18 MVA, 33 kV Transformer	Measurement of No-load Current	IS 2026 (Part 1)
27	ELECTRICAL- INDUCTORS & TRANSFORMERS	18MVA, 33 kV Power Transformer	Measurement of Zero Sequence Impedance - Voltage	IS 2026 (Part 1)
28	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Induced Over Voltage Withstand Test	IS 1180 (Part 1)
29	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Measurement of Impedance Voltage	IS 1180 (Part 1)
30	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Measurement of No Load Current	IS 1180 (Part 1)
31	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Measurement of No Load Loss	IS 1180 (Part 1)
32	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Measurement of Voltage Ratio and Check of Voltage Vector Relationship	IS 1180 (Part 1)
33	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Separate Source Voltage Withstand Test	IS 1180 (Part 1)
34	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Temperature Rise Test	IS 1180 (Part 1)
35	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Insulation Resistance and PI	IS 1180 (Part 1)

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36	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Determination of Break Down Voltage	IEC 60156
37	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Determination of Break Down Voltage	IS 6792