National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JAY BEE TRANSFORMER TESTING LABORATORY, KHASRA NO. 13/5, VILLAGE BATWAL, PANCHKULA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11082 **Page No** 1 of 2

Validity 21/10/2022 to 20/10/2024 **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 transformers (up to 1000 kVA, 11/0.433 kV)	Induced overvoltage withstand test	Cl. 11.2 of IS 2026 (Part 3)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Induced overvoltage withstand test	Cl. 21.2 (f) of IS 1180 (Part 1)
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of insulation resistance	Cl 10.1.3 (j) IS 2026 (Part 1)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of insulation resistance	Cl. 21.2 (e) of IS 1180 (Part 1)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of no load loss and current	Cl.21.2 (d) of IS1180 (Part 1)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of no load losses and current	Cl. 10.1.1 (d) of IS 2026 (Part 1)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of short circuit impedance and load losses	Cl. 10.1.1 (c) of IS 2026 (Part 1)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of short circuit impedance and load losses	Cl. 21.2 (c) of IS 1180 (Part 1)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of voltage ratio and check of phase displacement	Cl. 10.1.1 (b) of IS 2026 (Part 1)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of voltage ratio and check of phase displacement	Cl. 21.2 (b) of IS 1180 (Part 1)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of winding resistance	Cl 21.2 (a) of IS 1180
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Measurement of winding resistance	Cl. 10.1.1 (a) of IS 2026 (Part 1)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Oil leakage test (above 200 kVA)	Cl No. 21.2 (j) of IS 1180 (Part 1)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Oil leakage test (up to 200 kVA)	Cl. No. 21.2 (j) of IS 1180 (Part 1)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Pressure test (routine)	Cl 21.2 (h) of IS 1180 (Part 1)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Pressure test (type)	Cl 21.3 (d) of IS 1180 (Part 1)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Separate source voltage withstand test	Cl. 10 of IS 2026 (Part 3)

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18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Separate source voltage withstand test	Cl. 21.2 (g) of IS 1180 (Part 1)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Temperature rise test	Cl. 21.3 (b) of IS 1180 (Part 1)
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution transformers (up to 1000 kVA, 11/0.433 kV)	Temperature rise test	Cl.5 of IS 2026 (Part 2)