National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, TRANSFORMER TESTING LABORATORY, CENTURION UNIVERSITY CAMPUS, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10763 **Page No** 1 of 2

Validity 28/06/2022 to 27/06/2024 **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 Transformers	Induced Overvoltage Withstand Test	IS 2026 (Part 3)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Magnetic Balance Test	CBIP Publication 317
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Insulation Resistance	IS 1180 (Part 1) & IS 2026 (Part 1)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Insulation Resistance	IS 2026 (Part 1)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Load Loss	IS 1180 (Part 1)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Load Loss	IS 2026 (Part 1)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of No Load Current	IS 1180 (Part 1)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of No Load Current	IS 2026 (Part 1)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of No Load Loss	IS 1180 (Part 1)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of No Load Loss	IS 2026 (Part 1)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Short Circuit Impedance	IS 1180 (Part 1)
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Short Circuit Impedance	IS 2026 (Part 1)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Voltage Ratio and Check of Phase Displacement	IS 1180 (Part 1)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Voltage Ratio and Check of Phase Displacement	IS 2026 (Part 1)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Winding Resistance	IS 1180 (Part 1)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Measurement of Winding Resistance	IS 2026 (Part 1)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Oil Leakage Test	IS 1180 (Part 1)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, TRANSFORMER TESTING LABORATORY, CENTURION UNIVERSITY CAMPUS, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10763 **Page No** 2 of 2

Validity 28/06/2022 to 27/06/2024 **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
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Pressure Test Routine	IS 1180 (Part 1)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Pressure Test Type	IS 1180 (Part 1)
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Separate Source Voltage Withstand Test	IS 1180 (Part 1)
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Separate Source Voltage Withstand Test	IS 2026 (Part 3)
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Temperature Rise Test	IS 1180 (Part 1)
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Temperature Rise Test	IS 2026 (Part 2)
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Vector Group Test	IS 1180 (Part 1) & IS 2026 (Part 1)