National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UTTAM(BHARAT) ELECTRICALS PRIVATE LIMITED, B-189 / A, ROAD NO. 9 (F), VKI AREA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7799 **Page No** 1 of 1

Validity 16/02/2023 to 15/02/2025 **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	Power & Distribution Transformers	Induced Over Voltage Withstand Test	IS 1180 (Part-I) & IS 2026 (Part-3)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Insulation Resistance Test	IS 1180 (Part-I) & IS 2026 (Part-I)
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Load Losses at 50% and 100% Loading	IS 1180 (Part-I) & IS 2026 (Part-I)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Measurement of Harmonics of no load current	IS 2026 (Part-I)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Measurement of Voltage Ratio and check of phase displacement	IS 1180 (Part-I) & IS 2026 (Part-I)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	No Load Current at 112.5% Voltage	IS 1180 (Part-I)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	No load Loss and Current measurement test at rated voltage	IS 1180 (Part-I) & IS 2026 (Part-I)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Separate source voltage withstand test	IS 1180 (Part-I) & IS 2026 (Part-3)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Short Circuit Impedance Test	IS 1180 (Part-I) & IS 2026 (Part-I)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transformers	Temperature Rise Test	IS 1180 (Part-I) & IS 2026 (Part-II)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transforrmers	Measurement of Capacitance	IS 2026 (Part-I) & CBIP Manual No. 317
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power & Distribution Transforrmers	Measurement of Dissipation Factor (Tan Delta) & Capacitance	IS 2026 (Part-I) & CBIP Manual No. 317
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power and Distribution Transformers	Measurement of Zero Phase Sequence Impedance on Three Phase Transformers	IS 2026 (Part-I)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power and Distribution Transformers	Winding Resistance	IS 1180 (Part-I) & IS 2026 (Part-I)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power& Distribution Transformers	Magnetic Balance Test on 3-phase Transformers	CBIP Manual Publication No. 317, Clause 3.17 & Amend III
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Power & Distribution Transformers	Oil BDV Test	IS 335