National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JAY ENTERPRISE, IST, A-203, AMUL COMPLEX, MODASA, ARAVALLI, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10379 **Page No** 1 of 1

Validity 07/03/2022 to 06/03/2024 **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
Mobile Facility				
1	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT Range: 200/5A, PT Range: 3300/110 V, CT Range Selection: 0 to 200 A, PT Range: 0 to 3300 V	PT Ratio: 1100/110 V, 2200/110 V, 3300/110 V	IS 3156 Part 1
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	No load loss and current	IS 2026 Part 1
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Insulation Resistance	IS 1180 Part 1
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	No load loss and current	IS 1180 Part 1
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Impedance Voltage/ Short circuit impedance and load loss	IS 2026 Part 1
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Impedance Voltage/ short circuit impedance and load loss.	IS 1180 Part 1
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Insulation Resistance	IS 2026 Part 1
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	No load loss and current	IS 1180 Part 1
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	No-load Current at 112.5% voltage	IS 1180 Part 1
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Voltage ratio and check of voltage vector relationship	IS 1180 Part 1
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Voltage Ratio and Check of Voltage Vector Relationship	IS 2026 Part 1
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Oil cooled / Dry type Transformer Range: 5 kVA to 500 kVA Voltage class: 0.4 V to 11 kV	Winding Resistance	IS 1180 Part 1