National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRANSFORMER TESTING LABORATORY, RAYCHEM RPG (P) LIMITED, GAT NO 426/2B, CHAKAN-TALEGAON ROAD, MAHALUNGE VILLAGE , TALUKA KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5395 **Page No** 1 of 1

Validity 16/04/2023 to 15/04/2025 **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	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	ACOUSTIC NOISE LEVEL	IEC 60076 (PART10)
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	HARMONICS OF NO-LOAD CURRENT	IEC 60076 (PART1)
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	IMPEDANCE (Principle Tapping)	IEC 60076 (PART1)
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	INDUCED OVER VOLTAGE TEST	IEC 60076 (PART3)
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	INSULATION RESISTANCE	IEC 60076 (PART1)
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	LIGHTINING IMPULSE TEST	IEC 60076 (PART3)
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	LOAD LOSS (Principle Tapping)	IEC 60076 (PART1)
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	MEASUREMENT OF CAPACITANCE	IEC 60076 (PART1)
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	MEASUREMENT OF TAN DELTA	IEC 60076 (PART1)
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	NO LOAD EXCITATION CURRENT	IEC 60076 (PART1)
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	NO LOAD LOSS	IEC 60076 (PART1)
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	PARTIAL DISCHARGE TEST	IEC 60076 (PART3)
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	SEPARATE SOURCE VOLTAGE WITHSTAND TEST	IEC 60076 (PART3)
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	TEMPERATURE RISE TEST	IS 2026 (PART2)
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	VOLTAGE RATIO & POLARITY TEST	IEC 60076 (PART1)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	WINDING RESISTANCE TEST	IEC 60076 (PART1)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	ZERO PHASE SEQUENCE IMPEDANCE	IEC 60076 (PART6)
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	(100 kVA to 60 MVA, Upto 132 kV TRANSFORMER)	OIL BREAKDOWN VOLTAGE TEST	IEC 60156