National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENPAY TRANSFORMER COMPONENTS INDIA PVT LTD - ACTIVE PART LAB, PLOT NO 112, MANJUSAR GIDC, VILLAGE ALINDRA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8082 **Page No** 1 of 2

Validity 28/04/2021 to 27/04/2023 **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	Active Part of the current transformer	Composite Error of Class P & PR Protective Current Transformer	IS 2705 (Pat 3) Clause 7.2.2
2	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Composite Error of Class P & PR Protective Current transformers	IEC-61869 (Part 1): 2007, (Part 2) Clause 7.2.6.203
3	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Determination of the Errors / Accuracy (Phase Angle)	IS 2705 (Part 2) Clause 7.2.1
4	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Determination of the Errors / accuracy (Phase Angle)	IEC-61869 (Part 1: 2007), (Part 2) Clause 7.3.5
5	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Determination of the Errors / accuracy (Ratio Error)	IS 2705 (Part 2) Clause 7.2.1.
6	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Determination of the Errors / Accuracy (Ratio Error)	IEC 61869 Part 2 Clause 7.3.5
7	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Instrument Security Factor (FS) of measuring current transformer	IEC-61869 (Part 1: 2007), (Part 2) Clause 7.5.2
8	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Instrument Security factor (FS) of measuring current transformer	IS 2705 (Part 2) Clause 5.1
9	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Inter-Turn Over Voltage Test (For Current)	IEC-61869 (Part 1:2007),(Part 2) Clause 7.3.204
10	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Inter-Turn Overvoltage Test (For Voltage)	IEC-61869 (Part 1: 2007), (Part 2) Clause 7.3.204
11	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the current transformer	Inter-Turn overvoltage Test (For Current)	IS 2705 (Part 1) Clause 9.5
12	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Inter-Turn Overvoltage Test (For Voltage)	IS 2705 (part 1) Clause 9.5
13	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the current transformer	Power-Frequency Voltage Withstand test (On Secondary Terminal)	IEC-61869 (Part 1:2007), (Part 2) Clause 7.3.4
14	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active part of the current transformer	Power-Frequency voltage withstand test (on secondary terminals)	IS 2705 (Part 1) Clause 9.4
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active part of the current transformer	Rate Knee point e.m.f. (Ek) andexciting current at EK (Current)	IS 2705 (Part 4) Clause 6.1

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16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Rated Knee point e.m.f (Ek) and exciting current at Ek (Voltage)	IEC-61869 Part 1: 2007), (Part 2)Clause 7.3.203
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Rated knee point e.m.f. (Ek) and exciting current at Ek (Current)	IEC-61869 (Part 1: 2007), (Part 2) Clause 7.2.203
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current Transformer	Rated knee point e.m.f. (Ek) and exciting current at Ek (Voltage)	IS 2705 (Part 4) Clause no 6.1
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active part of the current transformer	Secondary winding resistance (Rct)	IEC-61869 (Part 1: 2007), (Part 2) Clause 7.3.201
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Active Part of the Current transformer	secondary winding resistance (Rct)	IS 2705 (Part 4) Clause 6.2