National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	LUSTRE ENGINEERING CORPORATION, R 208, TTC INDUSTRIAL AREA, MIDC RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8325	**Page No**	1 of 2
Validity	01/02/2022 to 31/01/2024	**Last Amended on**	11/02/2022

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-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Breakdown voltage test for oil	IS 6792
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (upto 400kV)	Composite error measurement	IEC 61869-2
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Determination of errors according to appropriate accuracy class	IEC 61869-1
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	High voltage power frequency test on primary winding	IEC 61869-1
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	High Voltage power frequency test on secondary winding	IEC 61869
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Instrument security factor	IEC 61869-2
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Measurement of capacitance	IEC 61869-1
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Measurement of knee point voltage	IEC 61869-2
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Measurement of secondary winding resistance	IEC 61869-2
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (upto 400kV)	Measurement of tan delta	IEC 61869-1

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11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Over voltage inter turn test	IEC 61869-1
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Partial Discharge Measurement	IEC 61896-1
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Temperature Coefficient test	IEEMA 22-8b
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Temperature rise test	IEC 61869-1
15	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Thermal Stability test	IEEMA 22-8a
16	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Current Transformers (Upto 400kV)	Verification of terminal marking	IEC 61869-1