National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRICAL STEEL TESTING LABORATORY, TRANSFORMERS & RECTIFIERS INDIA LIMITED, SURVEY NO. 427 P/3-4 & 431 P/1-2, SARKHEJ BAVLA HIGHWAY, MORAIYA, TALUKA SANAND, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11744 **Page No** 1 of 2

Validity 07/06/2023 to 06/06/2025 **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- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Epstein Frame Tester	IS 3024
2	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Epstein Frame Tester	IEC 60404-8-7
3	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Epstein Frame Tester	IS 649
4	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Single Sheet Tester (500 X 500)	IEC 60404-8-7
5	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Single Sheet Tester (500 X 500)	IS 3024
6	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C Magnetization/ Permeability Test by Single Sheet Tester (500 X 500)	IS 649
7	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C. Magnetization/ Permeability after Accelerated Ageing Test at 225 °C, 24 Hours	IEC 60404-8-7
8	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C. Magnetization/ Permeability after Accelerated Ageing Test at 225 °C, 24 Hours	IS 3024
9	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	A.C. Magnetization/ Permeability after Accelerated Ageing Test at 225 °C, 24 Hours	IS 649
10	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Ductility/ Bend Test	IEC 60404-8-7
11	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Ductility/ Bend Test	IS 3024
12	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Ductility/ Bend Test	IS 649
13	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test after Accelerated Ageing Test at 225 °C, 24 Hours	IEC 60404-8-7

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14	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test after Accelerated Ageing Test at 225 °C, 24 Hours	IS 3024
15	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test after Accelerated Ageing Test at 225 °C, 24 Hours	IS 649
16	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Epstein Frame Tester	IEC 60404-8-7
17	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Epstein Frame Tester	IS 3024
18	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Epstein Frame Tester	IS 649
19	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Single Sheet Tester (500X500)	IEC 60404-8-7
20	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Single Sheet Tester (500X500)	IS 3024
21	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Specific Core Loss Test by Single Sheet Tester (500X500)	IS 649
22	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Stacking Factor	IEC 60404-8-7
23	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Stacking Factor	IS 3024
24	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Stacking Factor	IS 649
25	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Surface Insulation Resistivity	IEC 60404-8-7
26	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Surface Insulation Resistivity	IS 3024
27	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Surface Insulation Resistivity	IS 649
28	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Thickness Measurement	IEC 60404-8-7
29	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Thickness Measurement	IS 3024
30	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet Steel - CRGO	Thickness Measurement	IS 649