



Valid from 05 December 2024
to 04 December 2028
Issued on 11 December 2024

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/ IEC 17025
TL 091- 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 091-01

Elsteel Testing Laboratory
Elsteel (Pvt) Ltd
Spur Road 2, Phase 01,
Expert Processing Zone, Katunayake.

Scope of Accreditation: Performing Electro-mechanical testing steel based on
IEC Test methods appearing in this schedule.

The laboratory is accredited for the following tests as per given in the page 02.

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.0	<i>Mechanical Testing</i>			
1.1	Low-voltage switchgear and control gear assemblies	Lifting- Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.2.5 IEC 62208 ed3.0 2023 Clause 9.5	10 kg to 500 kg
		Mechanical impact (IK)- Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.2.6 IEC 61439-2 ed3.0 2020 Clause 10.2.6 IEC 62208 Clause 9.8 IEC 60068-2-75 Clause 5 IEC 60068-2-75 Clause 7	IK4 to IK10
		Marking - Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.2.7	N/A
		Mechanical operation - Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.2.8 IEC 61439-2 ed3.0 2020 Clause 10.2.8 IEC 62208 ed3.0 2023 Clause 9.6	N/A
		Degree of protection (IP rating) - Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.3 IEC 61439-2 ed3.0 2020 Clause 10.3 IEC 60529 ed2.2 2013 IEC 62208 ed3.0 2023 Clause 9.9	IP code first digit - 0 to 6 Second digit- 0 to 7 Third character category A, B, C, D
		Static loads - Accepted by visually	IEC 62208 ed3.0 2023 Clause 9.4	Up to 430 kg
2.0	<i>Electrical Testing</i>			
2.1	Low-voltage switchgear and control gear assemblies	Clearances and Creepage distances -Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.9.3	2.5 kV to 12.0 kV
		Effective earth continuity between the exposed conductive parts of the assembly and protective circuit- Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.5.2 IEC 62208 ed3.0 2023 Clause 9.12	0.1 Ohm at 10 A Max
		Dielectric properties - Accepted by visually	IEC 61439-1 ed3.0 2020 Clause 10.9.2 and Clause 10.9.3 IEC 61439-2 ed3.0 2020 Clause 10.9.3.2	60 V to 1000 V & 5 kV to 12.0 kV
		Temperature Rise – Accepted by temperature rise limits	IEC 61439-1 ed3.0 2020 Clause 10.10.2	0 A to 5000 A