

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



Valid from 20 July 2022  
to 19 July 2025  
Issued on 20 July 2022



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,  
Spur Road 2, Phase 01,  
Expert Processing Zone,  
Katunayake.**

**Scope of Accreditation:** Performing Mechanical & Electrical Testing on of Low-voltage Switchgear, control gear assemblies and relevant parts as per the Test Methods appearing in this Schedule.

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

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
<b>Mechanical Testing</b>				
01	Low-voltage switchgear and control gear assemblies	Lifting	IEC 61439-1 ed3.0 2020 Clause 10.2.5	Compliance/ Non-compliance (10 kg to 500 kg)
02		Mechanical impact (IK)	IEC 61439-1 ed3.0 2020 Clause 10.2.6 IEC 61439-2 ed3.0 2020 Clause 10.2.6 IEC 62208 Clause 9.7 IEC 60068-2-75 Clause 5 IEC 60068-2-75 Clause 7	Compliance/ Non-compliance (IK4 to IK10)
03		Marking	IEC 61439-1 ed3.0 2020 Clause 10.2.7	Compliance/ Non-compliance
04		Mechanical operation	IEC 61439-1 ed3.0 2020 Clause 10.2.8 IEC 61439-2 ed3.0 2020 Clause 10.2.8	Compliance/ Non-compliance
05		Degree of protection (IP rating)	IEC 61439-1 ed3.0 2020 Clause 10.3 IEC 61439-2 ed3.0 2020 Clause 10.3 IEC 60529 ed 2.2 2013 IEC 62208 ed2 2011	Compliance/ Non-compliance (IP code first digit 0 to 6, Second digit 0 to 7, Third character category A,B,C,D )
06		Static loads	IEC 62208 ed2.0 2011 Clause 9.4	Compliance/ Non-compliance (Up to 430 kg)
<b>Electrical Testing</b>				
07	Low-voltage switchgear and control gear assemblies	Clearances and Creepage distances	IEC 61439-1 ed3.0 2020 Clause 10.9.3	Compliance/ Non-compliance (2.5 kV to 12.0 kV)
08		Effective earth continuity between the exposed conductive parts of the assembly and protective circuit	IEC 61439-1 ed3.0 2020 Clause 10.5.2 IEC 62208 ed2.0 2011 Clause 9.11	Compliance/ Non-compliance (0.1 Ohm At 10 A Max)
09		Dielectric properties	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	Compliance/ Non-compliance (60 V to 1000 V & 2.5 kV to 12.0 kV)
10		Temperature Rise	IEC 61439-1 ed3.0 2020 Clause 10.10.2	Compliance/ Non-compliance (0 A to 5000 A)