

Certification of High and Low Voltage Complete Sets of Equipment



Overview

Across Europe and Asia, high-voltage and low-voltage switchgear assemblies must be tested and certified for compliance with IEC standards, including IEC 62271. Type Certification unlike Mark Certification (EV READY Mark) does not require an initial factory audit and monitoring (annual audit, control tests). The Low Voltage Directive (LVD) (2014/35/EU) ensures that electrical equipment falling within specific voltage ranges provides a high level of protection for European citizens and takes full advantage of the single. Intertek supports switchgear assembly manufacturers with consulting, design, testing, certification, and advisory services. Contact us today to. This guide highlights the top 8 key certifications for electrical products across major markets, providing a clear roadmap for global compliance. This article looks at how IEC standards shape performance, why certified HV breakers and CT/PTs respond predictably to faults, and how certification supports reliability.



Article Content

Mar 10, 2026

Why Certification Matters in High-Voltage Equipment

High-voltage systems live under constant electrical stress, so certification is less a checkbox and more a safety promise. This article looks at

Feb 20, 2026

Electrical Inspection

A leading authority in technical safety, quality, and environmental protection, with a strong commitment to excellence in every aspect of its operations.

Apr 26, 2026

How to Obtain an LVD CE Certificate for Low Voltage Electrical

Understand how to obtain an LVD CE certificate for low voltage electrical equipment and ensure compliance with EU safety standards. Kayra Certification offers expert guidance for the certification

Jan 05, 2026

Low Voltage Electrical Equipment CE Certification | JJRLAB

CE Certification for Low Voltage Equipment: Enables EU market access by meeting Directive 2014/35/EU, enhancing product safety, reliability, and brand value.

Jul 26, 2025

What are the main international standards for low

- Information technology equipment: Such as computers, printers, monitors, etc.
- Audio and video equipment: Such as televisions, sound systems,

Jul 12, 2025

FSE High & Low Voltage Training Course

Entry level online FSE High & Low Voltage Training Course. Suitable for everyone working on low and high voltage installations.

Oct 04, 2025

Complete Guide to the G-Mark Certification Process for ...

Understanding G-Mark Certification G-Mark Certification is a mark of conformity that indicates products meet specific standards set forth by Gulf countries for low

Aug 20, 2025

GGD Low Voltage Fixed Complete-set Switchgear

The GGD Low Voltage Fixed Complete-set Switchgear Equipment Abbreviation as Switchgear is for the purpose of power distribution

Oct 12, 2025

Understanding the Low Voltage Directive 2014/35/EU Requirements

Conclusion: Why CE Certification is Essential for Your Business In conclusion, the Low Voltage Directive 2014/35/EU requirements are a crucial part of the regulatory landscape for electrical equipment sold

Jan 22, 2026

High-Voltage Electrical Equipment Certification

This program covers the latest standards, testing methodologies, and compliance requirements essential for certifying high-voltage equipment such as transformers, switchgear, and circuit breakers.

Feb 24, 2026

CHINA QUALITY CERTIFICATION CENTRE-Complete Electrical

The main product categories of complete equipment include low voltage complete switchgear, components and accessories for complete equipment, high voltage electrical equipment,

Jun 20, 2026

Low Voltage Directive (2014/35/EU)

Read this guide to learn what you need to know about the low Voltage Directive (2014/35/EU), and how to ensure your products comply.

May 17, 2026

A complete guide to CE-marking and CB-certification of

When it comes to ensuring the safety of electrical equipment, there are multiple routes for compliance. Electronics intended for use in the European

Nov 11, 2025

Complete sets of electrical appliances

Our complete sets of electrical appliance are divided into two categories: "LV Complete Set" and "HV Complete Set", 12 models in total. Of which, 5 are LV models and 7 HV models. Please refer to the

Feb 19, 2026

Electrical Equipment (Safety) Regulations 2016: Great

The Electrical Equipment (Safety) Regulations 2016 implemented EU Directive (2014/35/EU) on electrical equipment designed for use within certain

Jun 29, 2025

Low Voltage Certification – NFPA 70E Training

Low Voltage Certification Fundamentals Demonstrates professional competency and readiness to meet state requirements Low voltage certification is a credential that

Dec 26, 2025

Electrical Safety Certification For Industrial Machinery & Equipment UK

What Are The Regulatory Requirements For Electrical Safety?What Services Does TÜV Süd Offer Regarding Electrical Safety?How Can You Benefit from Certifying Your Electrical Components and Products?Why Should You Choose TÜV Süd as Your Partner?There are several global directives for electrical equipment and components that companies must comply with. As the number of regulations increases, it is vital for companies to obtain comprehensive certifications and tests. See more on tuvsud Intertek

Switchgear Assembly Testing & Certification - Intertek

We provide local certification to extend your global reach, and our marks are accepted by major electrical utilities and authorities around the world. Contact us

Jan 09, 2026

CE marking Electrical Equipment

Our specialists are TÜV certified, accredited safety experts and are capable of performing a complete conformity assessment procedure in accordance with the

Oct 01, 2025

Top 8 Key Certifications for Electrical Products

Ensure your electrical products meet global safety and compliance standards. Learn essential certifications that open doors to international markets.

Dec 14, 2025

Certification Requirements

2 Work in this specialty is oriented toward the types of equipment, cabling, and systems included in the Content Outlines, operating largely in the medium-voltage (600 V and above) and high-voltage

Oct 25, 2025

Low Voltage Directive 2014/35/EU Testing Services

Low Voltage Directive 2014/35/EU services from TÜV SÜD ensure electrical equipment compliance for the EU and EEA. We are an EU Notified Body so you

May 26, 2026

Why Certification Matters in High-Voltage Equipment

Learn why IEC standards and electrical safety certification matter for high-voltage equipment, improving reliability, protection accuracy, and risk control

May 20, 2026

High Voltage Test Equipment

HV TECHNOLOGIES provides a complete and broad range of High Voltage Test Equipment and Service Solutions for the Utility and Electrical Power Industries.

Nov 30, 2025

LV/MV/HV Switchgear Explained: A Complete Guide

High Voltage (HV) switchgear consists of a set of integrated electrical circuit breakers, fuses and disconnecting switches. It is mainly used to protect,

Sep 19, 2025

HV/LV Complete Electrical Equipment

This solution covers a complete set of power equipment from low-voltage distribution cabinets, high-voltage switchgear to transformers, automation control systems, etc., aiming to provide

Sep 24, 2025

Technical Management and Risk Prevention and Control of High and Low ...

This paper comprehensively explores the technical management and risk prevention of high and low voltage complete sets of equipment in power engineering. It elaborates on technical

Oct 17, 2025

High Voltage Training 2026

The High Voltage Training course aims to educate participants about the safety requirements for high voltage equipment and maintenance at entry levels. It introduces participants to HV power system

Contact Us

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