

Revision of Low-Voltage Complete Sets of Equipment Standards



Article Overview

Recent revisions to low-voltage equipment standards focus on updated safety, design, and compliance requirements under NF C15-100, IEC 61439, and related European directives.

NF C15-100 Updates

The NF C15-100 standard, a key reference for low-voltage electrical installations in France, has been revised with a new structure comprising 21 sections. This update, completed under the AFNOR U15 committee, allows independent revision of sections without waiting decades, improving flexibility for updates. The standard covers design, installation, inspection, and maintenance of low-voltage systems, ensuring safety for people, animals, and property. Amendments prior to August 2025 are now consolidated, and Title 10 (residential buildings) remains unchanged .

IEC 61439 Series

The IEC 61439 series, governing low-voltage switchgear and controlgear assemblies, has also been updated. The revisions affect product compliance, testing requirements, and application guidelines. Parts 1 to 5 and Part 7 now include enhanced specifications for assembly design, verification, and operational safety. These updates ensure harmonization with international safety standards and facilitate compliance for manufacturers and integrators

Article Content

IEC 60364-1:2025 | IEC

This document addresses the fundamental principles, assessment of general characteristics and definitions of low-voltage electrical

New List of European Harmonized Standards for the Low Voltage

On May 28 2013, the European Commission published an updated list of the European harmonized standards that pertain to the Low

ANSI/NETA ECS

Scope It is the purpose of these specifications to assure that tested electrical equipment and systems are operational, are within

Low Voltage Directive Handbook

Most recent Low Voltage Directive Handbook Low Voltage Equipment Directive (73/23/EEC) CE marking is mandatory for electronic

EU Low Voltage Equipment Standards

This document summarizes the key technical standards and requirements for low voltage electrical equipment being placed on the

The Low Voltage Electrical Equipment (Safety) Regulations 1989

These Regulations implement Council Directive No. 73/23/EEC (OJ No. L77, 26.3.73, p.29) on the harmonisation of the laws of

Low Voltage Directive

The Low Voltage Directive (LVD), 2014/35/EU, specifies common standards in the European Single Market for "electrical equipment

Low-voltage electrical equipment

The Directive aims to harmonise the provisions of national law in Member States with regard to safety and the potential health risks

Notice of Publication 0085/23: Designated Standards

For clarity, Part 2 of Annex II to this notice sets out the complete list of references to standards which, as at the date of this notice,

Electrical equipment designed for use within certain voltage limits

Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of

Electrical Equipment (implementing the Low Voltage Directive)

However, electrical equipment is also covered for certain purposes by other more recent new approach Directives which do require

The Electrical Equipment (Safety) Regulations 2016

7.1 The Low Voltage Directive (Directive 2006/95/EC) provides the technical requirements that ensure the safety of electrical

Low Voltage Directive (LVD)

The purpose of this evaluation was to analyse the performance of the Low Voltage Directive in meeting its objectives of facilitating

Low Voltage Directive (LVD)

The low voltage directive (LVD) (2014/35/EU) ensures that electrical equipment within certain voltage limits provides a high level of

DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND

number of amendments are to be made to Directive 2006/95/EC of the European Parliament and of the Council of 12 December

NFPA 70 (NEC) Code Development

Enforced in all 50 states, NFPA 70, National Electrical Code (NEC) is the benchmark for safe electrical design, installation, and

What are the main international standards for low-voltage electrical ...

1. What are the main international standards for low-voltage electrical equipment? What do the abbreviations and names represent?

Standards to the Low Voltage Directive

General information about the Low Voltage Directive 2014/35/EU Directive 2014/35/EU (the so-called Low Voltage Directive, or LVD)

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

