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SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 311-2025

Replacing SL 311-2004, SL 561-2012

Specifications for the selection of high-voltage electrical equipment and the design of power distribution devices in water conservancy and hydropower projects

水利水电工程高压电气设备选择及配电装置设计规范

(English Translation)

Issued on: December 22, 2025 **Implemented on: March 22, 2026**

Issued by: Ministry of Water Resources

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https://chinastandards.org/standards/sl-t-311-2025

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1 Foreword

SL/T 311-2025 was issued by Ministry of Water Resources on 22 December 2025 and has been in force since 22 March 2026.

It replaces the earlier edition SL 311-2004, SL 561-2012.

The SL/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

SL/T 311-2025 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 229 other SL/T standards.

Of the 74 SL/T standards that do carry an ICS number, 24 (32%) fall under ICS 27, in the field of energy and heat transfer engineering.

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3 About this standard

Issued by: Ministry of Water Resources

English translation: about 118 pages

Chinese original: about 178,121 characters

Supersedes the earlier edition SL 311-2004, SL 561-2012.

4 Related standards

Standards on related subjects:

SL/T 219-2026 - Specifications for water quality and aquatic ecosystem monitoring

SL/T 31.3-2025 - Specification for In-situ Testing of Soil and Rock Permeability in Water Conservancy and Hydropower Projects - Part 3: Borehole Pumping Test

SL/T 31.2-2025 - Specification for In-situ Testing of Soil and Rock Permeability in Water Conservancy and Hydropower Projects - Part 2: Water Injection Test

5 Classification and status

Chinese Standard Classification (CCS): P 62

Prefix SL/T: recommended standard.

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