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SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 847-2025

Guidelines for Digital Twin Design of Water Conservancy and Hydropower Projects

水利水电工程数字孪生设计导则

(English Translation)

Issued on: August 20, 2025 **Implemented on: November 20, 2025**

Issued by: Ministry of Water Resources

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https://chinastandards.org/standards/sl-t-847-2025

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1 Foreword

SL/T 847-2025 was issued by Ministry of Water Resources on 20 August 2025 and has been in force since 20 November 2025.

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.

The document runs to 66 pages in English translation.

2 Scope Preview

SL/T 847-2025 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 66 pages

Chinese original: about 99,944 characters

4 Related standards

Standards on related subjects:

HJ 1198-2021 - Requirements of radiation safety and protection for radiotherapy

HJ 780-2015 - Soil and sediment - Determination of inorganic element - Wavelength dispersive X-ray fluorescence spectrometry

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

5 Classification and status

Chinese Standard Classification (CCS): P 59

Prefix SL/T: recommended standard.

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