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SL

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

SL/T 31.1-2025

Replacing SL 31-2003

Specification for In-situ Testing of Soil and Rock Permeability in Water Conservancy and Hydropower Projects - Part 1: Borehole Pressure Water Test

水利水电工程岩土渗透性原位试验规程 第1部分: 钻孔压水试验

(English Translation)

Issued on: September 29, 2025 **Implemented on: December 29, 2025**

Issued by: Ministry of Water Resources

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https://chinastandards.org/standards/sl-t-31-1-2025

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1 Foreword

SL/T 31.1-2025 was issued by Ministry of Water Resources on 29 September 2025 and has been in force since 29 December 2025.

It replaces the earlier edition SL 31-2003.

It is one of 3 parts of the SL/T 31 series.

2 Scope Preview

SL/T 31.1-2025 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 53 pages

Chinese original: about 79,799 characters

Supersedes the earlier edition SL 31-2003.

4 Related standards

Other parts of this standard:

SL/T 31.2-2025 - Part 2: Water Injection Test

SL/T 31.3-2025 - Part 3: Borehole Pumping Test

Standards on related subjects:

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

5 Classification and status

Prefix SL/T: recommended standard.

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