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SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 582-2025

Replacing SL 582-2012

Inspection and Testing Procedures for the Manufacturing and Installation Quality of Hydraulic Metal Structures

水工金属结构制造安装质量检验检测规程

(English Translation)

Issued on: March 14, 2025 **Implemented on: June 14, 2025**

Issued by: Ministry of Water Resources

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https://chinastandards.org/standards/sl-t-582-2025

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1 Foreword

SL/T 582-2025 was issued by Ministry of Water Resources on 14 March 2025 and has been in force since 14 June 2025.

It replaces the earlier edition SL 582-2012.

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 582-2025 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

Supersedes the earlier edition SL 582-2012.

4 Related standards

Standards on related subjects:

GB 50205-2020 - Standard for acceptance of construction quality of steel structures

GB 50017-2017 - Standard for design of steel structures

GB 50661-2011 - Code for Welding of Steel Structures

SL 581-2012 - Ultrasonic testing method and quality classification for T-joint fillet welds and combination of butter weld and fillet weld of hydro steel structures

SL 580-2012 - Directives for three-dimensional coordinate measurement of hydro steel structure

5 Classification and status

Chinese Standard Classification (CCS): P 26

Prefix SL/T: recommended standard.

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