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ICS 27.140
CCS P 13

SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 525.12-2024

Guide for water-draw and utilization assessmenton construction projects Part 12: Water-source heat pump construction projects

建设项目水资源论证导则 第12部分:水源热泵建设项目

(English Translation)

Issued on: August 1, 2024 **Implemented on: November 1, 2024**

Issued by: Ministry of Water Resources of the People's Republic of China

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1 Foreword

SL/T 525.12-2024 was issued by Ministry of Water Resources of the People's Republic of China on 1 August 2024 and has been in force since 1 November 2024.

It is one of 7 parts of the SL/T 525 series.

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

This standard applies to the preparation of water resource demonstration reports for new, rebuilt and expanded water source heat pump construction projects that apply for water extraction. The preparation of measures to prevent adverse effects on groundwater for ground source heat pump construction projects included in the filing management, as well as the water resource demonstration of sewage water source heat pumps and mine water source heat pump construction projects involving unconventional water source utilization

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and configuration management, shall refer to this standard for implementation.

SL/T 525.12-2024 falls under ICS 27.140, in the field of energy and heat transfer engineering.

This catalogue holds 23 other SL/T standards in that field.

In this catalogue, SL/T standards carry edition years from 1994 to 2026.

3 About this standard

Issued by: Ministry of Water Resources of the People's Republic of China

English translation: about 17 pages

Chinese original: about 25,210 characters

4 Related standards

Other parts of this standard:

SL/T 525.1-2023 - Guide for water-draw and utilization assessment on construction projects - Part 1: Water resources and hydropower construction projects

SL/T 525.5-2021 - Guidelines for the demonstration of water resources for construction projects - Part 5: Construction projects in the chemical industry

SL/T 525.6-2021 - Guidelines for Water Resources Demonstration for Construction Projects - Part 6: Paper Industry Construction Projects

SL/T 525.8-2024 - Guidelines for water draw and utilization assessment on construction projects - Part 8: Steel industry construction projects

SL/T 525.9-2024 - Guidelines for water draw and utilization assessment on construction projects Part 9: Textile industry construction projects

SL/T 525.10-2025 - Guidelines for water resource demonstration for construction projects Part 10: Construction projects in the non-ferrous metals industry

Standards on related subjects:

DB/T 59-2015 - Technical requirements for seismic observation instruments joining the network - Seismic intensity meter

DB/T 60-2015 - Specification for the construction of seismic stations - Stations for rapid reporting of seismic intensity and earthquake early warning

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5 Classification and status

International classification (ICS): 27.140

Chinese Standard Classification (CCS): P 13

Prefix SL/T: recommended standard.

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