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ICS 73.020
CCS P70

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 5042-2024

Technical standards for geological environment management engineering of nonferrous metal mine slopes

有色金属矿山边坡地质环境治理工程技术标准

(English Translation)

Issued on: December 10, 2024 **Implemented on: July 1, 2025**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-5042-2024

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1 Foreword

YS/T 5042-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 July 2025.

The YS/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 15 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements for survey, support design and construction, geological environment management design and construction, slope drainage, inspection and acceptance, engineering monitoring, vegetation management and maintenance in non-ferrous metal mine slope geological environment management projects. This standard applies to all types of mine slope geological environment management projects in the non-ferrous metal industry except open-pit mine slopes.

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YS/T 5042-2024 falls under ICS 73.020, in the field of mining and minerals.

This catalogue holds 140 other YS/T standards in that field.

In this catalogue, YS/T standards carry edition years from 1985 to 2026.

3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB 51011-2014 - Code for construction and acceptance of coal mine preparation equipment installation engineering

MT/T 593.5-2011 - Artificial frozen soil physics mechanics performance test. Part 5: Artificial frozen soil tri-axial shear test method

SH/T 3537-2009 - Technical specification for construction of vertical cylindrical low temperature storage tank

YS/T 5040-2024 - Standards for the preparation of feasibility study reports for nonferrous metal mining projects

5 Classification and status

International classification (ICS): 73.020

Chinese Standard Classification (CCS): P 70

Prefix YS/T: recommended standard.

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