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ICS 73.020
CCS D 14

KA

KA 27.1-2025

Coal mine water disaster prevention and control - Part 1: Prevention and control of roof water disaster

煤矿水害防治 第1部分：顶板水害防治

(English Translation)

Issued on: September 1, 2025

Issued by: National Mine Safety Administration

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https://chinastandards.org/standards/ka-27-1-2025

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1 Foreword

KA 27.1-2025 was issued by National Mine Safety Administration on 1 September 2025.

It is one of 6 parts of the KA 27 series.

The document runs to 7 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements for terms and definitions, general requirements, exploration, treatment, and prevention of roof aquifer water hazards, as well as safety assessment. It applies to prevention and control work in mines where coal seam mining and excavation are threatened by water hazards from roof aquifers.

KA 27.1-2025 falls under ICS 73.020, in the field of mining and minerals.

This catalogue holds 14 other KA standards in that field.

In this catalogue, KA standards carry edition years from 1982 to 2026.

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3 About this standard

Issued by: National Mine Safety Administration

English translation: about 7 pages

Chinese original: about 10,140 characters

4 Related standards

Other parts of this standard:

KA 27.2-2025 - Part 2: Structure exploration and treatment of coal floor for water disaster

KA 27.3-2025 - Part 3: Underground grouting transformation and reinforcement of coal seam floor

KA 27.4-2025 - Part 4: Ground area governance

KA 27.5-2025 - Part 5: Goaf water prevention and control

KA 27.6-2025 - Part 6: Water disaster risk monitoring and forewarning system

Standards on related subjects:

MT/T 1091-2008 - Standard for exploration and evaluation of hydrogeology, engineering geology and environment geology in coal beds

DZ/T 0200-2002 - Specification for iron, manganese and chromium mineral exploration

DZ/T 0206-2002 - Specifications for kaolinite, bentonite, refractory. Clay mineral exploration

5 Classification and status

International classification (ICS): 73.020

Chinese Standard Classification (CCS): D 14

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