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ICS 73.100.99
CCS D 98

KA

KA 31-2026

Technical specification of 5G communication system in underground coal mines

煤矿井下5G通信系统技术规范

(English Translation)

Issued on: January 25, 2026 **Implemented on: May 1, 2026**

Issued by: National Mine Safety Administration

Preview: page 1 of 3 shown, 17 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

KA 31-2026 was issued by National Mine Safety Administration on 25 January 2026.

It has been in force since 1 May 2026.

The document runs to 17 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements, test methods, and inspection rules for underground 5G communication systems in coal mines. This document applies to the design, manufacturing, and testing/inspection of underground 5G communication systems in coal mines.

KA 31-2026 falls under ICS 73.100.99, 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 2025 to 2026.

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3 About this standard

Issued by: National Mine Safety Administration

English translation: about 17 pages

Chinese original: about 25,226 characters

4 Related standards

Standards on related subjects:

MT/T 199-1996 - General specifications for hydraulic drill jumbos for coal mine

5 Classification and status

International classification (ICS): 73.100.99

Chinese Standard Classification (CCS): D 98

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