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CCS J81



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 22340-2008

Belt conveyor for coal mine - Safety code

煤矿用带式输送机 安全规范

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Quarantine of the People's Republic of China;
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Foreword

All the technical contents of this standard is mandatory. This revised standard adopts ISO 1819. 1977 "Continuous handling equipment General safety regulations" (in English). This standard is based on ISO 1819. 1977 re-drafted. For ease of comparison, listed in Appendix A of this standard and ISO reg number 1819. 1977 reg control list numbered. Because of the special needs of legal requirements and industry standards in the use of the ISO 1819. 1977 when modified. These technical A single vertical line identifies the differences in the terms they are involved in the margin. These technical differences are given in Appendix B and its prime Because the list for reference. The Standard Appendix A, Appendix B are informative appendices. This standard was proposed by the State Administration of Work Safety. This standard produced by the National Standardization Technical Committee on Security. This standard was drafted. Coal Research Institute Shanghai Branch. The main drafters of this standard. TRADITIONAL, Chen Jue, Yue Wei Liang, Zhang Jian, Panfa

Sheng.

0.1 coal mine production safety is an important part of the sustainable development of coal industry. Therefore, it is necessary for coal mine belt conveyor (hereinafter Referred conveyor) of correct design, manufacture, installation, use and maintenance make provisions to ensure the most effective use of the conveyor, and try to prevent a Any accident or disaster resulting from improper use.

0.2 Due to China's vast territory, a wide distribution of surface coal mining, geology, climate and other environmental conditions vary greatly. For a variety of conditions using a conveyor To provide for the safety rules are unreasonable, under normal operating conditions applicable safety rules in this standard is sufficient to play a regulatory City Field, reduce the role of accident.

0.3 standard only applies to the proper design, careful manufacture and delivery of equipment installation. This conveyor is a product or material being conveyed according to the selected characteristic and suitable for its working conditions. If the conveyor for conveying dangerous, toxic or hazardous materials, the user shall notify the manufacturer, installer shall be notified, if necessary, and explain Shall comply with the special safety regulations. Coal Mine Safety Belt Conveyor Specification

1 Scope

GB 22340-2008 is the Chinese national standard on belt conveyor for coal mine - safety code, in the field of mining and minerals. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 August 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2009. Classification: ICS 73.100.99, CCS J81. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the safety requirements for coal mine belt conveyor design, manufacture, installation, use and maintenance. This standard applies to coal mine belt conveyor, but also for potentially explosive coal mine, coal preparation and other work places with tape Conveyors, belt conveyors does not apply to the rope tow.

1.3 Mounting section 4.1 2 4.2 - Paragraph 3 4.3

1.2 paragraph 1 and 0 4.4 - 5.1.1 2.1.1 5.1.2 2.1.2 5.1.3 2.1.3 5.1.4 - 5.1.10 - 5.1.11 2.2.12 2.1.4 5.1.12 5.1.13 - 5.1.16 - 5.1.17 2.2.13 5.1.18 - 5.1.19 2.2.11 2.1.5 5.1.20 - 2.1.6 ~ ~

2.1.8 2.1.7 5.1.21 5.1.22 - 2.1.9 - 2.1.10 5.1.23 2.1.11 5.1.24 2.1.12, 2.1.13 5.1.25 2.1.14 - 2.1.15 5.1.26 2.1.16 - 2.17 - 2.18 5.1.27 - 5.1.28 2.1.19 ~

2.1.20 Table A. 1 (cont.) The number corresponds to the standard clauses of international standard reg number 5.1.29 - 5.1.30 - 5.2.1 - 5.2.2 5.2.3 2.2.1 ~ 2.2.2 ~ 5.2.4 5.2.5 2.2.3 ~ 5.2.6 2.2.4 ~ 5.2.12 ~ 2.2.10 5.2.13 5.2.15 2.2.14 ~ 2.2.16 ~ - 2.2.17 - 2.2.18 5.2.16 2.2.19 5.2.17 - 5.2.18 - ~ ~ 5.3.1 5.3.6 2.3.1 2.3.6 5.3.7 2.3.7, 2.3.11 5.3.8 2.3.8 5.3.9 - 5.3.10 - 5.3.11 2.3.9 - 2.3.10 5.3.12 2.3.12, 2.3.21 5.3.13 5.3.15 2.3.13 ~ 2.3.15 ~ - 2.3.16 5.3.16 2.3.17 5.3.17 2.3.18 - 2.3.19 - 2.3.20

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 3836.1 Electrical apparatus for explosive gas atmospheres - Part 1. General requirements (GB 3836.1-2000, eqv IEC 60079-0:1998)

GB 3836.2 Electrical apparatus for explosive gas atmospheres Part 2. Flameproof "d" (GB 3836.2-2000, eqv IEC 60079-1:1990)

GB 3836.3 Electrical apparatus for explosive gas atmospheres Part 3. Increased Safety "e" (GB 3836.3-2000, eqv IEC 60079-7:1990)

GB 3836.4 explosive gas environment with electrical equipment - Part 4. Intrinsic safety "i" (GB 3836.4-2000, eqv IEC 60079-11:1999)

GB/T 13561.3-1992 harbor continuous handling equipment safety procedures Belt MT113 coal mine fire-retardant antistatic polymer articles Common test methods and decision rules MT450 Mine steel cord conveyor belt fire-retardant anti-static test methods and determine the rules MT668 coal mine fire-retardant steel cord conveyor belt technical conditions MT820 coal mine belt conveyor technical conditions MT830 coal mine fire retardant conveyor belt fabric laminate MT872 coal mine belt conveyor protection device technology MT914 Mine whole flame retardant fabric conveyor belt Coal Mine Safety Regulations (National Coal Mine Safety Supervision Bureau)

2.1.15 Mine in the absence of such devices on the belt conveyor - Delete ISO 1819. 1977

2.1.18 of this does not apply to the belt conveyor 5.1.29 -

5.1.29 increase this standard

2.2.12 The

5.1.11 and modify the "conveyor length exceeds 100m , Should be set up along the emergency stop device " This content shall be specified in the design phase. The content of the article to make appropriate changes to comply with China's coal mine The relevant provisions of Security Production

5.1.12 Add information about backstop brakes and Performance Requirements Provision In compliance with the relevant provisions of China's coal mine production safety 5.1.13

5.1.13 - 5.1.16 -

5.1.16 increase to meet the relevant provisions of China's coal mine production safety 5.1.18

5.1.18 to match the increase of coal mine production safety regulations

3 ISO 1819. 1977

1.3 of editorial changes were made to comply with rules for preparation of national standards The ISO 1819. 1977 in the

1.2 specific. The

ISO 1819. 1977 in a part of the introduction of this standard move Quasi Chapter

4 To adapt to China's national conditions and regulatory requirements. This content of a normative content, should be arranged in the standard normal Paper 5.1.4 ~ 5.1.4 ~ 5.1.10

5.1.10 increase to meet the relevant provisions of China's coal mine production safety

4 Basic requirements

Design, manufacture and use

4.1 conveyors should strictly implement the "Coal Mine Safety Regulations" requirement, and in line with GB/T 13561.3-1992 in The provisions of Chapter 3.

4.2 Technical Requirements conveyor shall comply with the provisions of the MT820.

4.3 Conditions conveyor must meet its normal operating conditions. There are special requirements of the conveyor shall otherwise provided appropriate special security Full rules.

4.4 conveyor and supporting the main components shall comply with the technical conditions and safety regulations.

5.1 Design and manufacturing stages

5.1.1 conveyor should ensure stability and strength under all normal operating conditions