

Conveyor belts for use in underground installations — Electrical and flammability safety requirements

ICS 53.040.20

National foreword

This British Standard is the UK implementation of EN 14973:2006+A1:2008. It supersedes BS EN 14973:2006 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee PRI/67, Conveyor belts.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Conveyor belts for use in underground installations - Electrical and flammability safety requirements

Courroies transporteuses pour usage dans les installations souterraines - Exigences de sécurité électrique et protection contre l'inflammabilité

Fördergurte für die Verwendung unter Tage - Elektrische und brandtechnische Sicherheitsanforderungen

This European Standard was approved by CEN on 19 June 2006 and includes Corrigendum 1 issued by CEN on 24 January 2007 and Amendment 1 approved by CEN on 21 February 2008.

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Foreword

This document (EN 14973:2006+A1:2008) has been prepared by CEN /TC 188, "Conveyor belts", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

This document supersedes EN 14973:2006.

This document includes Corrigendum¹ issued by CEN on 24 January 2007 and Amendment 1, approved by CEN on 2008-02-21.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags **AC** **AC**.

A1 This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EC Directive(s).

For relationship with EC Directives, see informative Annexes ZA, ZB and ZC, which are integral parts of this document. **A1**

These Directives each require a risk assessment to be made to ensure that the equipment meets the essential health and safety requirements of the relevant Directive.

The risk, or probable rate of occurrence of a hazard and the degree of harm that the hazard might cause, will vary depending upon the particular circumstances or site of application. Depending upon the risks judged to be pertinent, the measures taken to ensure a satisfactory level of safety may also vary. Annex A gives practical guidance on the identification of hazards, subsequent risk assessment and how these can be addressed.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

¹ Applicable to the French version only.

Introduction

This document is a type C standard as stated in EN ISO 12100-1.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this document.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built according to the provisions of this type C standard.

The approach taken in this European Standard is to identify the main hazards encountered in underground conveying applications and to specify requirements for conveyor belts that will provide the necessary operational safety. Three Classes are specified, A, B and C, as defined in 3.9 to 3.11.