Irish Standard
I.S. EN 15700:2011

Safety for conveyor belts for winter sport or leisure use

I.S. EN 15700:2011

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie

W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

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EUROPEAN STANDARD

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English Version

Safety for conveyor belts for winter sport or leisure use

Sécurité des tapis roulants pour les activités de sports d'hiver ou de loisirs

Sicherheit von Bandförderern für Wintersport- oder Freizeitaktivitäten

This European Standard was approved by CEN on 3 September 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 15700:2011) has been prepared by Technical Committee CEN/TC 242 “Safety requirements for passenger transportation by cable”, the secretariat of which is held by AFNOR.

This European Standard shall be awarded the status of national standard, either by publication of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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 the EU Directive(s).

For the relationship with the EU Directive, see informative Annex ZA, which is an integral part of this document.

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

Introduction

This European Standard is a type C standard as stated in EN ISO 12100:2010.

The travelators covered and the range of hazardous phenomena and situations and dangerous events 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 travelators that have been designed and built according to the provisions of this type C standard.

1 Scope

This European Standard is applicable for travelators for leisure or winter sports use.

These requirements are applicable to travelators for the transport of passengers wearing snow-sliding devices or pedestrians wearing ski boots or heavy boots who may be carrying their snow-sliding devices for winter sports activities. For other uses, users shall wear suitable (enclosed and solid) footwear for travelators.

NOTE Snow-sliding devices include seated ski equipment for handicapped people.

This European Standard has been prepared on the basis of the automatic operation of these installations with no staff permanently present at the actual installation.

It covers requirements relating to the prevention of accidents and the safety of workers.

This European Standard covers all the significant hazards, hazardous situations and hazardous events specific to travelators, for leisure or winter sports activities, when they are used in conformity with the application for which they are intended, as well as for inappropriate applications which could be reasonably foreseeable by the manufacturer (see Clause 4).

This European Standard does not apply either to moving walks as specified in EN 115 or to loading bands as specified in EN 1907.

This European Standard does not apply to travelators manufactured prior to the date of its publication as an EN.

2 Normative references

The following reference documents are indispensible for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 115-1, *Safety of escalators and moving walks — Part 1: Construction and installation*

EN 619:2002, *Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of unit loads*

EN 953, *Safety of machinery — Guards — General requirements for the design and construction of fixed and movable guards*

EN 981, *Safety of machinery — System of auditory and visual danger and information signals*

EN 1037, *Safety of machinery — Prevention of unexpected start-up*

EN 1088, *Safety of machinery — Interlocking devices associated with guards — Principles for design and selection*

EN 1907:2005, *Safety requirements for cableway installations designed to carry persons — Terminology*

EN 1993-1-1, *Eurocode 3: Design of steel structures — Part 1-1: General rules and rules for buildings*

EN 60204-1, *Safety of machinery — Electrical equipment of machines — Part 1: General requirements*