

Irish Standard I.S. EN 1176-4:2017

Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways

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I.S. EN 1176-4:2017

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National Foreword

I.S. EN 1176-4:2017 is the adopted Irish version of the European Document EN 1176-4:2017, Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways

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EUROPEAN STANDARD

EN 1176-4

NORME EUROPÉENNE

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October 2017

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Supersedes EN 1176-4:2008

English Version

Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways

Équipements et sols d'aires de jeux - Partie 4: Exigences de sécurité et méthodes d'essai complémentaires spécifiques aux téléphériques Spielplatzgeräte und Spielplatzböden - Teil 4: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für Seilbahnen

This European Standard was approved by CEN on 2 July 2017.

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EN 1176-4:2017 (E)

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European foreword

This document (EN 1176-4:2017) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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

This document supersedes EN 1176-4:2008.

The principal changes from the previous edition of this part of EN 1176 are as follows:

- a) revised requirements for the different types of grips and seats;
- b) revised requirements for seated and hanging types of equipment;
- c) test methods have been improved in the light of experience.

EN 1176, *Playground equipment and surfacing*, consists of the following parts:

- Part 1: General safety requirements and test methods
- Part 2: Additional specific safety requirements and test methods for swings
- Part 3: Additional specific safety requirements and test methods for slides
- Part 4: Additional specific safety requirements and test methods for cableways
- Part 5: Additional specific safety requirements and test methods for carousels
- Part 6: Additional specific safety requirements and test methods for rocking equipment
- Part 7: Guidance on installation, inspection, maintenance and operation
- Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment
- Part 11: Additional specific safety requirements and test methods for spatial network

This part of EN 1176 should not be used in isolation, but in conjunction with EN 1176-1, EN 1176-7 and EN 1177.

For inflatable play equipment, see EN 14960 *Inflatable play equipment - Safety requirements and test methods.*

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 1176-4:2017 (E)

1 Scope

This European Standard is applicable to cableways whereby children travel on or along a cable by the use of gravity. This standard specifies additional safety requirements for cableways intended for permanent installation for use by children.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1176-1:2017, Playground equipment and surfacing — Part 1: General safety requirements and test methods

EN 1176-2:2017, Playground equipment and surfacing — Part 2: Additional specific safety requirements and test methods for swings

EN 1176-6:2017, Playground equipment and surfacing — Part 6: Additional specific safety requirements and test methods for rocking equipment

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

cableway

item of children's playground equipment whereby children can travel on or along a cable under the force of gravity

Note 1 to entry: See Figure 1.

3.2

hanging type cableway

cableway equipped with a suspension assembly which includes a grip for the user

3.3

seating type cableway

cableway equipped with a suspension assembly which includes a seat

3.4

starting point

area in which the user can reach the grip or seat and set the equipment in motion

3.5

area of travel

area in which the user can travel freely

3.6

terminus

area furthest away from the starting point that the user can reach by travelling across the area of travel

3.7

traveller

moving part that, by influence of gravity, moves the user along the cable

Note 1 to entry: See Figure 1.



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