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BSI Standards Publication

Playground equipment and surfacing

Part 6: Additional specific safety requirements and
test methods for rocking equipment

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National foreword

This British Standard is the UK implementation of EN 1176-6:2017, incorporating corrigendum January 2019. It supersedes BS EN 1176-6:2008, which is withdrawn.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum January 2018 is indicated in the text by AC AC.

The UK participation in its preparation was entrusted to Technical Committee SW/65, Children's playground equipment.

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

Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment

Équipements et sols d'aires de jeux - Partie
6 : Exigences de sécurité et méthodes
d'essai complémentaires spécifiques
aux équipements oscillants

Spielplatzgeräte und Spielplatzböden - Teil 6:
Zusätzliche besondere sicherheitstechnische
Anforderungen und Prüfverfahren für Wippperäte

This European Standard was approved by CEN on 15 April 2016.

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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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1176-6:2017+AC:2019) 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 includes Corrigendum 1 issued by CEN on 9 January 2019.

This document supersedes AC EN 1176-6:2017 AC.

This document includes the corrigendum 1 which changes the places of [Figure 6](#) and [7](#).

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags AC AC.

This European Standard EN 1176 "Playground equipment and surfacing" consists of a number of parts as follows:

- *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 is to be used 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*.

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

- a) type 2, 3 and 4 is not classified as a forced movement equipment;
- b) rocking equipment provided for standing use the falling space shall be at least 1,5 m.

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.

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1 Scope

This document is applicable to rocking equipment which is used as playground equipment for children, as defined in [3.1](#). Where the main play function is not rocking, the relevant requirements in this document may be used, as appropriate.

This document specifies additional safety requirements and test methods for seesaws and rocking equipment intended for permanent installation for use by children.

It is intended to provide protection to the user against possible hazards during use.

NOTE Guidance for assessing the safety of other forms of seesaw/rocking equipment is given in informative [Annex A](#).

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*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1176-1 and the following apply.

3.1

rocking equipment

seesaw (hereinafter referred to as equipment)

equipment that can be set in motion by the user and is generally characterized by a rigid element that rocks about a central support

Note 1 to entry: The equipment can have one or several seats or stands.

Note 2 to entry: [Figure 1a](#)) shows the principle components for rocking equipment. [Figure 1b](#)) shows the principle components for seesaws.

Note 3 to entry: The seesaw/rocking movement depends on the type and configuration of fixture (see [Figures 2](#) to [7](#)).