



BSI Standards Publication

Siting of Playground and other recreational facilities — Advice on methods for positioning and separation

National foreword

This Published Document is the UK implementation of CEN/TR 16879:2016.

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.

© The British Standards Institution 2016. Published by BSI Standards Limited 2016

ISBN 978 0 580 90573 5

ICS 97.200.40; 97.220.01

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 April 2016.

Amendments issued since publication

Date	Text affected
------	---------------

TECHNICAL REPORT

CEN/TR 16879

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

April 2016

ICS 97.200.40; 97.220.01

English Version

Siting of Playground and other recreational facilities - Advice on methods for positioning and separation

Emplacement des aires de jeux et autres installations
de loisirs - Conseils sur les méthodes d'implantation et
de séparation

Standortwahl von Spielplatz- und anderen
Freizeitanlagen - Ratschlag zu Verfahren für
Anordnung und Trennung

This Technical Report was approved by CEN on 10 November 2015. It has been drawn up by the Technical Committee CEN/TC 136.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Recommendations for separation	5
4.1	General	5
4.2	Need for separation	6
4.3	Methods of separation	8
4.3.1	General	8
4.3.2	Distance	8
4.3.3	Landscaping	8
4.3.4	Fencing	8
4.3.5	Signage	9
4.3.6	Combinations	9
5	Risk-benefit assessment (RBA)	9
Bibliography		10

European foreword

This document (CEN/TR 16879:2016) 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.

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.

Introduction

CEN/TC 136/SC 1, the committee responsible for the development of EN 1176 standards, considered that there may be risks to children associated with placing playgrounds in the vicinity of other recreational facilities such as multisport arenas, bouldering walls, roller sport facilities, football goals, outdoor fitness equipment and Parkour facilities. In addition, environmental features such as fast flowing water, deep water with steep banks, roads, and natural formations such as cliffs, can also create hazards if in the proximity of playgrounds.

Specific safety requirements for recreational facilities are covered by their own standards. However, these individual standards do not cover possible risks related to the proximity to other recreational facilities and other environmental hazards.

This technical report gives advice to designers, providers, and inspectors on methods of positioning and separating different recreational facilities, to help reduce the potential risks.

There are four principal methods of separation. These are distance, natural features, fencing and signage, or a combination of these.

1 Scope

This Technical Report gives advice on positioning and possible means of separation between recreational facilities that have different user age groups and levels of risk. This document also gives advice on features to consider in order to address the risks from other features nearby such as traffic, fast flowing water, deep water with steep banks and other natural environmental features such as.

Information given relates to equipment and facilities that are installed for free-access use outdoors only.

This document is intended to give a horizontal approach, to be considered in all CEN/TC 136 relevant standards dealing with free access sports or physical activity facilities.

2 Normative references

Not applicable.

3 Terms and definitions

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

3.1

recreational facility

equipment intended for children's play and free access sport/fitness facilities for all ages

3.2

separation

all physical and visual methods adopted to distinguish one recreational facility from another

3.3

siting / positioning

planning and layout of an area consisting of recreational facilities and other environmental factors and their relationship to one another

3.4

carer

person who exercises responsibility, however temporarily, for an individual child's safety

Note 1 to entry: This could be either:

- a) non-qualified carer: a parent, grandparent, older sibling who has been given a limited responsibility over a child, adult acquaintance, a young person who is a baby sitter; or
- b) qualified carer: a person trained to exercise responsibility for the safety of children or young people, for example a trained/qualified teacher, child minder, youth leader or sports coach.

4 Recommendations for separation

4.1 General

The main issue is for young and vulnerable children.

The EN 1176 playground standard has safety requirements for young children using playgrounds. It states in 3.1 in a definition of playground equipment that children play according to "their own rules or own reasons for playing which can change at any time". EN 1176 contains safety requirements taking