

AS EN 16579:2020  
EN 16579:2018+AC:2019



STANDARDS  
Australia

# Playing field equipment — Portable and permanent socketed goals — Functional, safety requirements and test methods

*This national standard is the identical adoption of EN 16579:2018+AC with the permission of the European Committee for Standardization — CEN, Rue de la Science 23, B — 1040 Brussels, Belgium.*



AS EN 16579:2020

This Australian Standard ® was prepared by CS-101, Sports and recreational facilities and equipment. It was approved on behalf of the Council of Standards Australia on 4 December 2020.

This Standard was published on 18 December 2020.

The following are represented on Committee CS-101:

- Australian Chamber of Commerce and Industry
- Australian Competition and Consumer Commission
- Australian Industry Group
- Engineers Australia
- Institute of Public Works Engineering Australasia
- Kidsafe Australia
- Parks and Leisure Australia
- Play Australia
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This Standard was issued in draft form for comment as DR AS EN 16579:2020

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ISBN 978 1 76113 125 7

# Playing field equipment — Portable and permanent socketed goals — Functional, safety requirements and test methods

First published as AS 4866.1—2007.  
Revised and redesignated as AS EN 16579:2020.

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## Preface

This Standard was prepared by the Standards Australia Committee CS-101, Sports and recreational facilities and equipment to supersede AS 4866.1—2007, *Playing field equipment—Soccer goals, Part 1: Safety aspects*.

The objective of this document is to specify the functional and safety requirements and test methods for all types of portable and permanent socketed goals having a total weight greater than 10 kg with the exception of goals with a size of 5.00 m × 2.00 m and 7.32 m × 2.44 m with a weight of > 42 kg, which are covered by EN 748.

This document does not apply to the goals specified in the following standards:

- (a) EN 748 (football).
- (b) EN 749 (handball).
- (c) EN 750 (hockey).
- (d) EN 1270 (basketball) and any other type of goal used for basketball.
- (e) EN 15312 (free access multi-sports).
- (f) EN 13451 7 (water polo).
- (g) EN 16664 (lightweight goals).

The following goals are also excluded:

- (i) Inflatable goals.
- (ii) Goals which are classified as toys under the responsibility of CS-101.
- (iii) For portable and permanent socketed playing field goals for American football.
- (iv) Goals which are intended to move in use (e.g. Lacrosse, rink hockey and roller hockey).

This document applies to playing field goals used for competition, training or recreational play, indoor and outdoor areas including educational establishments and public recreational areas.

This document is identical with, and has been reproduced from, EN 16579:2018+AC:2019, *Playing field equipment — Portable and permanent socketed goals — Functional, safety requirements and test methods*.

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- (a) In the source text “this European Standard” should read “this document”.
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Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

NOTES

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## European foreword

This document (EN 16579:2018+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 July 2018, and conflicting national standards shall be withdrawn at the latest by July 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 8 August 2019.

This document supersedes AC EN 16579:2018 AC.

This document includes the corrigendum 1 which changes in text citations in clauses 6.5 and 6.7.

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

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

## 1 Scope

This European Standard is applicable to playing field goals used for competition, training or recreational play, indoor and outdoor areas including educational establishments and public recreational areas.

It specifies the functional and safety requirements and test methods for all types of portable and permanent socketed goals having a total weight greater than 10 kg with the exception of goals with a size of 5,00 m × 2,00 m and 7,32 m × 2,44 m with a weight of > 42 kg, which are covered by EN 748 (see Table 1, Footnote b and c).

The following goals specified in the standards listed below are also excluded:

- a) EN 748 (football);
- b) EN 749 (handball);
- c) EN 750 (hockey);
- d) EN 1270 (basketball) and any other type of goal used for basketball;
- e) EN 15312 (free access multi-sports);
- f) EN 13451-7 (water polo);
- g) EN 16664 (lightweight goals).

The following goals are also excluded:

- h) inflatable goals;
- i) goals which are classified as toys under the responsibility of CEN/TC 52;
- j) for portable and permanent socketed playing field goals for American football;
- k) goals which are intended to move in use (e.g. Lacrosse, rink hockey and roller hockey).

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 913:2008, *Gymnastic equipment — General safety requirements and test methods*

EN ISO 1806, *Fishing nets — Determination of mesh breaking force of netting (ISO 1806)*