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Playing field equipment — Football goals — Functional and safety requirements, test methods

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Preface

This Standard was prepared by the Standards Australia Committee CS-101, Sports and recreational facilities and equipment.

The objective of this document is to specify the functional requirements for 4 types and 2 sizes of football goals, as well as their safety requirements.

It is applicable to football goals for training and competition in outdoor sports facilities and indoor arenas.

The following football goals are not included in this document:

- (a) EN 16579: goals with a size of 5.00 m × 2.00 m and 7.32 m × 2.44 m and with a total weight of ≥ 10 kg and ≤ 42 kg (total weight includes net, net fixing and any permanently attached anchoring or stabilizing system).
- (b) EN 16664: (lightweight goals).

This document is identical with, and has been reproduced from, EN 748:2013, *Playing field equipment - Football goals - Functional and safety requirements, test methods*, including its *Amendment No. 1 (2018)*.

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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.

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Foreword

This document (EN 748:2013+A1:2018) 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of an identical text or by endorsement, at the latest by July 2018, and conflicting national standards shall be withdrawn at the latest by July 2018.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 [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 10 June 2017.

This document supersedes A1 EN 748:2013 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

In relation to EN 748:2004, the following main amendments have been made:

- Normative references have been updated.
- Figure 3 and Figure 4 have been updated.

A1 — Scope is harmonized with the new standard EN 16579:2018. A1

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 document specifies the functional requirements for 4 types and 2 sizes (see Clause 3) and the safety requirements (see Clause 4) for football goals.

It is applicable to football goals for training and competition in outdoor sports facilities and indoor arenas.

A1 The following football goals are excluded:

- a) EN 16579: goals with a size of 5,00 m × 2,00 m and 7,32 m × 2,44 m and with a total weight of ≥ 10 kg and ≤ 42 kg (total weight includes net, net fixing and any permanently attached anchoring or stabilizing system);
- b) EN 16664: (lightweight goals). **A1**

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.

A1 EN 16579:2018, *Playing field equipment — Portable and permanent socketed goals — Functional and safety requirements and test methods*

EN 16664, *Playing field equipment — Lightweight goals — Functional, safety requirements and test methods* **A1**

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

EN ISO 2307, *Fibre ropes — Determination of certain physical and mechanical properties (ISO 2307)*

3 Requirements for sizes 7,32 m × 2,44 m and 5,00 m × 2,00 m

3.1 Classification

Football goals shall be classified by the design (types and sizes) as shown in Table 1.

Table 1 — Types

Dimensions in metres

Type	Size <i>l x h</i>	Description
1	7,32 × 2,44 5,00 × 2,00	Football goal with sockets, net supporting pole with sockets
2	7,32 × 2,44 5,00 × 2,00	Football goal with net supports and ground sockets
3	7,32 × 2,44 5,00 × 2,00	Freestanding football goal with ground fixings
4	7,32 × 2,44 5,00 × 2,00	Freestanding football goal with counterweight