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Standards

Irish Standard  
I.S. EN 1509:2008

# Playing field equipment - Badminton equipment - Functional and safety requirements, test methods

## I.S. EN 1509:2008

*Incorporating amendments/corrigenda issued since publication:*

<i>This document replaces:</i> I.S. EN 1509:2004	<i>This document is based on:</i> EN 1509:2008 EN 1509:2004	<i>Published:</i> 12 November, 2008 12 November, 2004	
This document was published under the authority of the NSAI and comes into effect on: 16 January, 2009		ICS number: 97.220.30	
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English Version

## Playing field equipment - Badminton equipment - Functional and safety requirements, test methods

Equipements de jeux - Equipements de badminton -  
Exigences fonctionnelles et de sécurité, méthodes d'essai

Spielfeldgeräte - Badmintoneinrichtungen - Funktionelle  
und sicherheitstechnische Anforderungen, Prüfverfahren

This European Standard was approved by CEN on 5 October 2008.

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## **Foreword**

This document (EN 1509:2008) 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of an identical text or by endorsement, at the latest by May 2009, and conflicting national standards shall be withdrawn at the latest by May 2009.

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 supersedes EN 1509:2004.

The principal changes from the previous edition of EN 1509 are as follows:

- a) The general safety requirements and test methods have been adapted to the currently updated EN 913 with exclusions.
- b) The scope was extended for indoor standing as well as for indoor wheel chair badminton equipment.
- c) Inclusion of four different classes for the distinction of badminton equipment for competition or training including wheelchair equipment.
- d) Concretion of the requirements on posts and nets.
- e) Inclusion of requirements on the construction of top net lines.
- f) Extension of a new Clause 6 "Test report".
- g) Clause 7 "Instructions for use" and Clause 8 "Marking" were extended.

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

**I.S. EN 1509:2008****EN 1509:2008 (E)****1 Scope**

This European Standard specifies the functional requirements (see Clause 3) and the safety requirements (see Clause 4) for badminton equipment, excluding rackets and shuttlecocks.

This European Standard is applicable to three types and four classes for indoor standing as well as for indoor wheel chair badminton equipment for competition and training (see 3.1).

Other types and sizes as those described in this European Standard are permissible provided the safety requirements of this European Standard are taken into consideration.

**2 Normative references**

The following referenced documents are indispensable for the application 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, *Gymnastic equipment – General safety requirements and test methods*

EN ISO 1806, *Fishing nets – Determination of mesh breaking force of netting (ISO 1806:2002)*

EN ISO 2307, *Fibre ropes – Determination of certain physical and mechanical properties (ISO 2307:2005)*

**3 Requirements****3.1 Classification**

Badminton equipment as a whole consisting of a pair of posts and a net shall be classified by the design (types and classes) as shown in Tables 1 and 2.

**Table 1 — Types**

Type	Description	Example
1	with ground sockets	Figure A.1
2	with bases and ground fixings	Figure A.2
3	freestanding	Figure A.3

**Table 2 — Classes**

Class	Description
A	Competition standing equipment
B	Competition wheel chair equipment
C	Training standing equipment
D	Training wheel chair equipment

**3.2 Designation**

Example for the designation of badminton equipment according to this standard of type 1 and class A:

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