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Standards

Irish Standard  
I.S. EN 13613:2009

# Roller sports equipment - Skateboards - Safety requirements and tests methods

## I.S. EN 13613:2009

*Incorporating amendments/corrigenda issued since publication:*

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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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**EUROPEAN STANDARD**

**EN 13613**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

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Supersedes EN 13613:2001

English Version

## **Roller sports equipment - Skateboards - Safety requirements and tests methods**

Équipement de sports à roulettes - Planches à roulettes -  
Exigences de sécurité et méthodes d'essai

Rollsportgeräte - Skateboards - Sicherheitstechnische  
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 5 March 2009.

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 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 Management Centre has the same status as the official versions.

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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## **Foreword**

This document (EN 13613:2009) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational 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of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.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 13613:2001.

Annex A is informative.

In relation to EN 13613:2001, the following main changes have been introduced:

- a) classification in 4.1 modified;
- b) velocity in 6.7.2 and 6.10.2 changed;
- c) marking in Clause 7 d) and e) modified;
- d) service and maintenance in 8.3 a) and f) modified;
- e) WARNING in 8.4 modified.

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.

## **1 Scope**

This standard specifies requirements for non-motorized skateboards which are supplied for use by one rider at a time.

The skateboards covered by this standard are graded by performance criteria for different categories of body weight.

This standard is not applicable for skateboards for use by a rider up to 20 kg. EN 71-1 is applicable for those.

This standard does not apply to individual components.

## **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 22768-1, General tolerances — *Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)*

## **3 Terms and definitions**

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

### **3.1**

#### **skateboard**

fully assembled and useable sports equipment consisting of one deck on two trucks and wheels on which the rider can propel him/herself and which can be steered by shifting his/her body mass

### **3.2**

#### **mid-steering setting**

setting between the positions of the softest and hardest steering settings

### **3.3**

#### **softest steering setting**

setting achieved when for example an action bolt (Kingpin) is unscrewed so that the cushion is just relieved of any pressure from it

### **3.4**

#### **hardest steering setting**

setting achieved when for example an action bolt (Kingpin) is fully tightened so that the cushion is subjected to maximum pressure from it

## **4 Classification**

### **4.1 Class A**

Skateboards intended for use by a rider of more than 20 kg up to 100 kg mass.

### **4.2 Class B**

Skateboards intended for use by a rider of more than 20 kg up to 50 kg.

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