

Elektrilised mänguasjad. Ohutus

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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EUROPEAN STANDARD

EN 62115

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2005

ICS 97.200.50; 13.120

Supersedes EN 50088:1996 + amendments

English version

**Electric toys –
Safety**
(IEC 62115:2003 + A1:2004, modified)

Jouets électriques –
Sécurité
(CEI 62115:2003 + A1:2004, modifiée)

Elektrische Spielzeuge –
Sicherheit
(IEC 62115:2003 + A1:2004, modifiziert)

This European Standard was approved by CENELEC on 2004-12-07. CENELEC 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 Central Secretariat or to any CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

During the Copenhagen meeting in May 2003, the CENELEC Technical Committee TC 61 decided to submit the text of the International Standard IEC 62115:2003, prepared by IEC TC 61, to the Unique Acceptance Procedure together with CENELEC common modifications.

The text of the draft common modifications, circulated in March 2004, included the content of the future amendment 1 to IEC 62115:2003. In view of the publication of this amendment in IEC, the relevant common modifications have been deleted and amendment 1:2004 to IEC 62115:2003 has been included in the European Standard which was approved by CENELEC as EN 62115 on 2004-12-07.

This European Standard replaces EN 50088:1996 + A1:1996 + A2:1997 + corrigenda April 2001 + A3:2002.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2006-01-01
- date on which national standards
conflicting with the EN have to be withdrawn (dow) 2008-01-01

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directive 88/378/EEC. See Annex ZZ.

NOTE The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

There are no special national conditions causing a deviation from this European Standard.

There are no national deviations from this European Standard.

Annexes ZA and ZZ have been added by CENELEC.

- p NOTE In this document, p is used in the margin to indicate instructions for preparing the printed version.

Endorsement notice

The text of the International Standard IEC 62115:2003 + A1:2004 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

1 Scope

- p **Replace** “ISO 8124-1” by “EN 71”.

2 Normative references

- p **Add:**

EN 71-1:1998, *Safety of toys Part 1: Mechanical and physical properties*

EN 71-3:1994, *Safety of toys Part 3: Migration of certain elements*

- p **Delete** ISO 8124-1 and ISO 8124-3.

3 Definitions

- p **3.5.5 Add** the following note:

NOTE Electronic components do not include resistors, capacitors and inductors.

4 General requirement

- p **Replace** the requirement by:

Toys shall be constructed so that they do not jeopardise the safety and/or health of users or third parties when they are used as intended or in a foreseeable way, bearing in mind the normal behaviour of children.

5 General conditions for the tests

- p **5.15 Replace** by:

5.15 *Before starting the tests, the toy is preconditioned by subjecting it to the tests of the following subclauses of EN 71-1, the batteries in position:*

- 8.5 Drop test, for **toys** having a mass less than 5 kg including batteries, irrespective of the age group;
- 8.21 Static strength test for sit-on or stand-on **toys**;
- 8.22 Dynamic strength test for wheeled ride-on **toys**;
- 8.4.2.1 Tension test, however, the force being 70 N independent of the dimensions and applicable independent of age group;
- 8.4.2.2 Tension test for seams, for toys having textile or other flexible materials covering batteries or other electrical parts.

NOTE Compliance with EN 71-1 is not checked after the preconditioning. However the security of the battery compartment cover is checked (see 14.6 and 14.7)."