

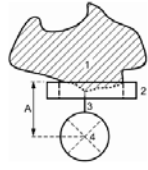
New Amendments to EN 71-1 “Safety of Toys” were Published (EN 71-1:2005 + A6:2008)

Two New Amendments, **A5** and **A6**, were approved by **CEN** (European Committee for Standardization) on 18 April, 2008 and 5 February, 2008 respectively. The CEN Technical Committee CEN/TC 52 “Safety of toys” has prepared a consolidated edition (**EN 71-1:2005 + A6:2008**) in May, 2008 covering the formerly published amendments **A1**, **A3**, **A4** and **corrigendum** addressed in **EN 71-1:2005 + A4:2007** and the two new amendments **A5** and **A6**.

This new edition (EN 71-1:2005 + A6:2008) supersedes EN 71-1:2005 + A4:2007 and member states* are required to adopt and publish the new edition as their national standards and withdraw the conflicting national standards at the latest by November, 2008.

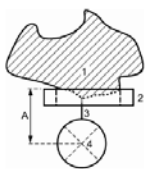


Listed below is the summary of changes given in the approved amendments **A5** and **A6**.

Amd.	Clause	Changes of Requirements
Small Balls		
A5	§ 3.4 (Definition of Balls)	Rewrite to “Spherical, ovoid, or ellipsoidal object, usually but not always, designed or intended to be thrown, hit, kicked, rolled, dropped or bounced. The term ball also includes any multisided object formed by at least 48 connecting planes into a generally spherical, ovoid or ellipsoidal shape.”
A5	§ 4.15.5.2 / § 7 (Warnings and Instruction for use)	Replace the cross-reference “see 7.19” by “see 7.18”. Delete the former section “7.18 Small balls (see 4.22)”.
A5	§ 4.22 / § 5.10 (Small balls)	In the 1 st paragraph, change “soft-filled toys or pompoms” (or “soft-filled toys”) to “soft-filled balls”. Rephrase the 2 nd paragraph for the definition of a small ball. Add new requirement: “Any ball attached to a toy by a string, elastic cord or similar, such that the ball is suspended freely, is considered to be a small ball if it passes through the base of template E such that the distance A is greater than 30 mm when tested according to 8.32.2 (small balls attached to a toy by a string).”
A5	§ 8.32 (Small balls and suction cups test)	Subdivide § 8.32 into: § 8.32.1 Small balls and suction cups § 8.32.2 Small balls attached to a toy by a string Add Figure 31.  Key 1 toy 2 template E 3 string, elastic cord or similar 4 intersection point of the major and the minor axes Figure 31 - Example of test of a ball attached to a toy by a string
A5 & A6	§ A.48 (Small balls)	Delete the footnote 1. Add a new paragraph (3 rd paragraph) for elaboration of the definition given in 3.4. In the 1 st sentence of the 4 th paragraph, add the words “... and risk...”. In the 1 st sentence of the 6 th paragraph, replace “... the length of the cord....” by “...the total length of the cord and part of the ball ...”. Add a new paragraph (7 th paragraph) and with Figure A.1 to illustrate the case where a ball is considered to be “suspended freely”. In the last paragraph, change the words “asphyxiation hazard” to “choking hazard”.

*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 United Kingdom.

New Amendments to EN 71-1 “Safety of Toys” were Published (EN 71-1:2005 + A6:2008)

Amd.	Clause	Changes of Requirements
Suction Cups		
A5	§5.13 (Suction cups)	Replace the cross-reference “8.32 (small balls and suction cups test)” by “8.32.1 (small balls and suction cups)”.
A5	§ 8.32 (Small balls and suction cups test)	<p>Subdivide § 8.32 into:</p> <p>§ 8.32.1 Small balls and suction cups</p> <p>§ 8.32.2 Small balls attached to a toy by a string</p> <p>Add Figure 31.</p> <div style="text-align: right;">  <p>Key</p> <p>1 toy 2 template E 3 string, elastic cord or similar 4 intersection point of the major and the minor axes</p> <p>Figure 31 - Example of test of a ball attached to a toy by a string</p> </div>
Points and Metallic Wires		
A6	§ 2 (Normative Ref.)	Update the reference “ISO 6508-1:1999” to “ISO 6508-1:2005”.
A6	§ 4.8 (Points and Metallic Wires)	<p>Replace the term “wires” by “metallic wires”.</p> <p>Replace 4.8 c) with the following:</p> <p>“c) <i>Metallic Wires and other metallic components that are designed and intended to be bent, for example, in order to change the shape or position of a toy or part of a toy (e.g. in soft-filled toys), shall not break and produce hazardous sharp points, or protrude through any surface covering of the toy, when tested according to 8.13.2 (metallic wires and other metallic components intended to be bent).</i>”</p> <p>Add new 4.8 d):</p> <p>“d) <i>Metallic Wires that are not designed to be bent but are likely to occasionally or accidentally be bent during play shall not break and produce hazardous sharp points, or protrude through any surface covering of the toy, when tested according to 8.13.3 (metallic wires likely to be bent).</i>”</p>
A6	§ 8.13 (Flexibility of metallic wires)	<p>Replace the term “wires” by “metallic wires”.</p> <p>Subdivide 8.13 into:</p> <p>§ 8.13.1 General</p> <p>§ 8.13.2 Metallic wires and other metallic components intended to be bent</p> <p>§ 8.13.3 Metallic wires likely to be bent</p>
A6	§ A.9 (Points and metallic wires)	Rewrite the 4th paragraph.
A6	§ A. 41 (Flexibility of metallic wires)	Replace the term “wires” by “metallic wires”.
Toys Containing a Non-Electrical Heat Source		
A6	§ 4.21 (Toys containing a non-electrical heat source)	<p>Replace the heading “4.12 Toys containing a heat source” by “4.21 Toys containing a non-electrical heat source”</p> <p>In the 1st paragraph, <i>delete</i>: “light bulbs with 2,5 W or less,”</p> <p>In c), <i>insert</i> the following <i>new indent</i> between the 1st and 2nd indent:</p> <p>“parts of glass or porcelain 50 K”</p> <p>Add the following <i>note</i>:</p> <p>“NOTE: Requirements for toys containing an electrical heat source are given in EN 62115:2005.”</p>

New Amendments to EN 71-1 “Safety of Toys” were Published (EN 71-1:2005 + A6:2008)

Amd.	Clause	Changes of Requirements
Hemispheric-Shaped Toys		
A6	§ 5.12 (Hemispheric-shaped toys)	<i>Delete</i> the following indent of the exemptions: “- objects intended for drinking (e.g. tea set cups)”
A6	§ A.50 (Hemispheric-shaped toys)	<i>Add</i> as the <i>last paragraph</i> : “A previous exception for “objects intended for drinking (e.g. tea set cups)” from the requirements in 5.12 has been deleted due to the European Commission’s decision 2007/184/EC of March 23, 2007, published in the Official Journal of the European Union on March 27, 2007.”
Tip Over Test		
A6	§ 8.6 (Tip over test)	<i>Rewrite</i> the test procedure of <i>Tip over test</i> . “Place the toy on a horizontal surface as prescribed in 8.5 (drop test) and <i>attempt</i> to tip it over by pushing the toy slowly past its centre of balance three times, one of which shall be in its most onerous position, <i>by gradually applying a force, which is not to exceed 120 N, in a horizontal direction and 1500 mm above the horizontal surface or at the top edge of the toy for toys less than 1500 mm in height.</i> <i>The original point of application relative to the toy shall be maintained, and the force shall remain horizontal, throughout the test. The vertical position of the point of application relative to the horizontal surface is permitted to increase during the test.</i> <i>If a force greater than 120 N is required to bring the toy beyond its centre of balance, or if the vertical position of the point of application, relative to the horizontal surface, exceeds 1 800 mm, the tip-over test shall be stopped.</i> <i>NOTE 1800 mm corresponds to the length (95th percentile) of a 14-year-old child.</i> <i>Toys supplied with anchors and intended to be permanently fixed (e.g. in concrete) when in use according to the manufacturer’s instructions, shall not be subjected to the tip-over test.</i> Determine whether small parts (8.2 small parts cylinder), have become accessible <i>and whether small balls (4.22 and 5.10, small balls) or hemispheric-shaped toys (5.12, hemispheric-shaped toys) have become detached.”</i>
Dynamic Strength		
A6	§ 8.22 (Dynamic strength)	<i>Replace Figure 23.</i>
Determination of Emission Sound Pressure Levels		
A6	§ 8.28.2.3.4 (Stationary and self-propelled table-top and floor toys)	<i>Replace</i> the <i>2nd sentence</i> with the following: “The sides of the measurement box with height H are always 50 cm from the sides of the reference box, <i>except for the bottom of the boxes, which lie in the same plane.</i> ” <i>Replace Figure 28.</i>

As your key business partner, STR-HK offers Testing on Toys and Children’s Products to ensure your products are safe for marketing worldwide!

Specialized Technology Resources (H.K.) Ltd. has obtained HOKLAS accreditation on various toy safety standards. For details of our HOKLAS scope of accreditation, please visit: <http://www.itc.gov.hk/en/quality/hkas/doc/hoklas/036.pdf>

For enquires or other information on toys and reliability testing, please contact STR at:

Email: Toys.enquiry@strhk.com / Telephone: 852-29434676

or visit our website at <http://www.strhk.com> or <http://www.strcn.com>