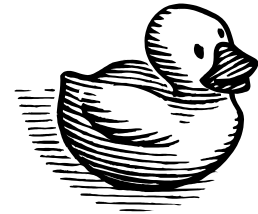


Proposed Revisions to ASTM F963

Following the enactment of the **Consumer Product Safety Improvement Act of 2008**, the Standard Consumer Safety Specification for Toy Safety, **ASTM F963-07^{e1}** will become a **mandatory** consumer product safety standard beginning on **February 10, 2009**.



Numerous work items are initiated by the ASTM subcommittee **F15.22** for the revisions proposed to the current edition of **ASTM F963-07^{e1}**. Details are summarized in the following table.

Work Item Code	Proposed Revisions to ASTM F963-07 ^{e1}
WK19415 & WK19416	<p>The current acoustic requirements for push/pull toys contained in Section 4.5.1.2 are inappropriate for the following reasons:</p> <ol style="list-style-type: none"> 1) During the pass-by test for push/pull toys, the contact between the wheels of the product and the test surface will produce a continuous sound that will significantly contribute to the overall sound pressure measurement. The tester will be unable to distinguish between the contributions to the overall sound level made by the wheels versus those made by the mechanism designed to produce sound. Therefore, a true measurement of the intended continuous sound producing mechanism cannot be achieved by the methodology given in the standard. 2) Among other factors, the levels in the standard are based a use distance of 25 cm (do not confuse this with the measurement distances specified in the standard). The distance from the noise producing mechanism to the ear of the child on the push/pull toys discussed here would be much greater than 25 cm. Because the relationship between sound pressure level and distance follows the inverse square law, an increase in the distance from the sound mechanism to the ear of the child would reduce the sound pressure level at the ear of the child dramatically. The risk of hearing loss would be reduced to such an extent as to make it insignificant. 3) It is implausible that a child could sustain the maximum speed at which the push/pull toy is tested (2 m/s). The speed represents a worst-case condition that would only be achievable momentarily at best. This supports regulating against immediate, acute hazards such as impulsive sounds versus chronic hazards that are presented by exposure to long-term, excessively loud continuous sounds. In addition, the proposed changes would further harmonization between ASTM F963 and the European standard EN 71-1. <p>(http://www.astm.org/DATABASE.CART/WORKITEMS/WK19415.htm) & (http://www.astm.org/DATABASE.CART/WORKITEMS/WK19416.htm)</p>
WK19961	<p>This draft contains revisions to the standard to account for the incidents (ingestions) due to magnetic components that were small parts and to reflect the age of the children involved with the incidents. It also introduces the special use and abuse requirements to avoid magnets from detaching from magnetic components during play.</p> <p>(http://www.astm.org/DATABASE.CART/WORKITEMS/WK19961.htm)</p>
WK19432	<p>Revision to remove the requirements for toy chests. Toy chests are considered as children's furniture and have their own set of safety requirements that are already covered in ASTM F834, Toy Chests.</p> <p>(http://www.astm.org/DATABASE.CART/WORKITEMS/WK19432.htm)</p>
WK17439	<p>Revision to Section 4.38 Yo Yo Elastic Tether Toys - These requirements are intended to address potential strangulation hazards associated with yo yo elastic tether toys intended for children 3 years of age or older.</p> <p>(http://www.astm.org/DATABASE.CART/WORKITEMS/WK17439.htm)</p>

Proposed Revisions to ASTM F963

Work Item Code	Proposed Revisions to ASTM F963-07 ⁶¹ (Cont'd)
WK15744	Revision to Impact Hazards . (http://www.astm.org/DATABASE.CART/WORKITEMS/WK15744.htm)
WK13523	Miscellaneous revisions as part of this work item include: - folding mechanisms and hinges - packaging film - age requirements as they pertain to use and abuse testing (http://www.astm.org/DATABASE.CART/WORKITEMS/WK13523.htm)
WK15711	Revision to Section 4.13 Folding Mechanisms and Hinges . (http://www.astm.org/DATABASE.CART/WORKITEMS/WK15711.htm)
WK13525	Addition of new section containing requirements to address potential jaw entrapment in handles and steering wheels that are located such that they are accessible for teething in the certain categories of toys intended for children under 18 months of age (http://www.astm.org/DATABASE.CART/WORKITEMS/WK13525.htm)
WK15745	Revision to Sections A4 Flammability Testing Procedure for Toys and A5 Rationale . (http://www.astm.org/DATABASE.CART/WORKITEMS/WK15745.htm)

Information above is extracted from the ASTM website under ASTM Subcommittee F15.22 on Toy Safety. To access the details, please visit: <http://www.astm.org/COMMIT/SUBCOMMIT/F1522.htm>

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