

## What's New - EU Toy Standard EN 71-1:2014+A1:2018

### What's changed since the last update?

This document supersedes BS EN 71-1:2014 and combines three amendments into one which covers:

- Cords and drawstrings in toys and packaging
- Projectiles, rotors, propellers and flying toys
- EN 71-1:2014/prA3:2015 Safety of toys - Part 1: Mechanical and physical properties

### Significant Changes

- Projectiles

Clause	Summary of Changes
4.17	Describes a complete revision of the requirements for <i>Projectile Toys</i>
4.17.2	Defines a revised requirement for “leading parts” of projectiles (including suction cups), instead of tip radius
4.17.3	Introduces the new principle of using <i>kinetic energy density</i> (instead of kinetic energy) in assessing projectiles with stored energy. There are also new requirements for impact resistance, and those for improvised projectiles
4.17.4	Defines new requirements for toy catapults and projectiles propelled by an elastic band, and new requirement for certain projectiles without stored energy

- Cords

Clause	Summary of Changes
5.4	Defines a complete revision of the requirements for cords, for better understanding of the requirements
5.4.2	Addresses toys for children under 18 months of age, regarding separation and clarification of requirements for cords or chains with the potential to tangle, and other cords. Plus additional requirements for two cords or chains with the potential to tangle
5.4.3	Same purpose as clause 5.4.2, but for toys for children aged 18 months and over

- Miscellaneous Changes

Clause	Summary of Changes
4.26	New requirements for toys in disguise costumes
4.27	New requirements for flying toys, including requirements for rotors and propellers and certain remote controlled flying toys
5.4.6	Clarification of requirements for electrical cables
5.4.9	Includes new requirements for toys intended to be attached to a cradle, cot or perambulator
5.15	Inclusion of new requirements for sledges with cords for pulling
7	Changes to the requirements for warnings
7.23	A requirement for a warning for toys intended to be attached to a cradle, cot or perambulator
A.58	New rationale for flying toys and propellers

- Updates of Test Methods

Clause	Summary of Changes
8	Updates to test methods related to projectile toys, flying toys, cords and toy scooters
8.4.2.4	A new tension test for projectiles with suction cups
8.4.2.5	A new wall impact test for projectiles
8.22, 8.23, 8.27	Changes to the test methods and the test loads for toy scooters
8.40	Clarification of the methods to measure the length of cords and chains
8.41	New test method for the assessment of the tangle potential of two cords or chains
8.42	A new test for the determination of projectile range

### Date of Publication

The amendment has been approved by CEN and published on 27 June 2018.

### Used as Test Reference in 2009/48/EC “Toy Safety Directive”?

Not yet. As at the date of this newsletter, this new EN 71 standard has not yet been published in the official journal for the pre-requisite of compliance for the Toy Safety Directive, which still refers to EN 71-1:2014.

Therefore, clients are suggested to contact STC regularly for keeping well informed of the progress as to the adoption of this new EN 71-1:2014+A1:2018 for compliance with the Toy Safety Directive.

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