

ISO 8124-1:2018 Has Two Amendments Published

The standard ISO 8124-1:2018 “Safety of toys — Part 1: Safety aspects related to mechanical and physical properties” has the following two amendments published in June 2020 by the ISO (the International Organization for Standardization). The amendments are:

- ISO 8124-1:2018/Amd 1:2020 “Flying toys”
- ISO 8124-1:2018/Amd 2:2020 “Various”

Amendment 1:2020 “Flying toys”:

Following terminological entries or requirements were updated or added in the Amendment 1 (not exhaustive):

Clause	Entries	Remark	Updated /new definitions or requirements
3.24	Free flight	Replaced term	“unconstrained travel through the air”
3.38	Leading edge	Replaced term	“area of the projectile or flying toy (e.g. tips, edges or protrusions) which would be expected to make contact with the eyeball”
3.86	Flying toy	New term	“toy or part of a toy intended to be launched into free flight with an on-board energy source (e.g. compressed gas, springs, electricity or inertial energy) that continues to propel the object after the initial release, for part or all of the flight”
3.87	Remote-controlled flying toy	New term	“flying toy with a mass of no more than 250 g, capable of being remotely controlled (e.g. by a wireless transmitter)” Example: Drones and helicopters
4.19	Flying toys	Replaced	-
4.19.1	General	Replaced	Leading edge requirement on the rigid parts, and instructions for “Remote-controlled flying toys”
4.19.2	Rotor blades on flying toys	Replaced	Design and instruction requirements for the rotor blades, and the perpendicular tension test
4.19.3	Rotor blades on remote-controlled flying toys	Replaced	Geometric requirement (rounded) for rotor edges, and tension test for rotor blades

Amendment 2:2020 "Various":

Following terminological entries or requirements were updated or added in the Amendment 2 (not exhaustive):

Clause	Entries	Remark	Updated /new definitions or requirements
3.88	Toy bag	New term	"bag, clearly intended for use in play, often having features designed to encourage children to use it in play activities"
4.3.2	Expanding materials	Replaced term	Updated requirement and test method (in line with F963-17)
4.5.1.1	General	Replaced term	Exemption for soft-filled (stuffed) toys, and small sized rigid elements, etc. for the requirements of 4.5.1
4.8.1	Toys intended to be repeatedly assembled and taken apart	Deleted	Last paragraph of original 4.8.1 removed
4.12.2	Toys with folding mechanism	Updated requirements	Safety stop / locking device, or clearance requirements
4.18.3 b, 4.18.4	Projectile toys	Updated requirements	Amended the instruction requirements, etc.
4.36	Assembly	New subclause	New requirements for Toys intended to be assembled by a child, and Toys intended to be assembled by an adult, etc.

References:

<https://www.iso.org/obp/ui#iso:std:iso:8124:-1:ed-5:v1:amd:1:v1:en>
<https://www.iso.org/obp/ui#iso:std:iso:8124:-1:ed-5:v1:amd:2:v1:en>

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