

## AS/NZS 8124.1:2016 and AS/NZS 8124.2:2016 are Published

Joint Standard Australia / Standards New Zealand Committee, CS-018, Safety of Children’s toys published two updated voluntary standards in which AS/NZS 8124.1:2013 and AS/NZS 8124.2:2009 were replaced by AS/NZS 8124.1:2016 and AS/NZS ISO8124.2:2016 respectively on 30 June 2016.

The two updated standards are an adoption with national modifications. In other words, they are to align the toy safety requirements of physical and mechanical properties, and flammability with the latest ISO8124:2014 standards. Apart from the revision on definitions, below are the major updates on the requirements:

### 1. AS/NZS 8124.1:2016 Safety of Toys – Safety aspects related to mechanical and physical properties

Toys or toy components	Updates
When more than one of the hazards of ‘small parts’, ‘small balls’ or ‘marbles’ present	It will be sufficient to carry one of the relevant warning statements or a statement combining the multiple hazards present
Fibrous filling material	Exempted for small part requirement
Nearly spherical, hemispherical, circular flared or dome-shaped ends of toys as well as toy fastener	Shall be assessed with Template B
Arrow	Kinetic energy (KE) per area of contact shall be measured
Bath toy projection	New design guideline was added in Annex F
Projectile toy	Projectile shall be exempted from the relevant requirements when its maximum range of discharge distance is less than 300mm
	A new cylindrical gauge shall be used for assessment of tip radius
	Wall impact testing is added
Mouth-actuated projectile toy	Intended projectile shall not pass through the mouthpiece
Rotor and propeller powered by electrical, spring or inertial energy and that take off into free flight	Added requirements to minimize the potential of injury from the rotating blades

### 2. AS/NZS 8124.2:2016 Safety of Toys - Flammability

Toys or toy components	Updates
Full or partial moulded head masks	Relevant requirements are not applied to moulded eye masks nor face masks that neither cover the chin nor cheek
Soft-filled toys with size > 150mm	Same test method for all
Soft-filled toys	Added upper height limitation for application of test flame
Toys intended to be entered by a child	Revised warning to: ‘Warning! Keep away from the open flame’

For more information, please contact our Toys and Children’s Products Division at

Hong Kong	Tel: +852 2666 1888	Fax: +852 2663 9612	Email: <a href="mailto:hktcd@stc.group">hktcd@stc.group</a>
Dongguan	Tel: +86 769 8111 9888	Fax: +86 769 8301 6251	Email: <a href="mailto:dgtcd@stc.group">dgtcd@stc.group</a>
Shanghai	Tel: +86 21 5219 8248	Fax: +86 21 5219 8249	Email: <a href="mailto:shctcd@stc.group">shctcd@stc.group</a>



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