AS/NZS ISO 8124.1:2013
ISO 8124.1:2012

AS/NZS ISO 8124.1:2013

Australian/New Zealand Standard™

# Safety of toys

# Part 1: Safety aspects related to mechanical and physical properties


This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-018, Safety of Children's Toys. It was approved on behalf of the Council of Standards Australia on 2 April 2013 and on behalf of the Council of Standards New Zealand on 25 March 2013.
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The following are represented on Committee CS-018:

Australian Chamber of Commerce and Industry
Australian Competition and Consumer Commission
Australian Toy Association
CHOICE
Consumer Affairs Victoria
Consumers Federation of Australia
Kidsafe
Ministry of Consumer Affairs New Zealand
National Acoustic Laboratories
National Retail Association
New Zealand Toy Distributors Association
NSW Office of Fair Trading
Pigment Ecological and Toxicological Technical Committee of Australia
Queensland Health
Safekids New Zealand
The Children's Hospital at Westmead

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# Part 1: Safety aspects related to mechanical and physical properties

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# PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-018, Safety of Children's Toys to supersede AS/NZS ISO 8124.1:2010, *Safety of toys*—Part 1: *Safety aspects related to mechanical and physical properties (ISO 8124-1:2009, MOD)*.

The objective of this Standard is to provide a specification for general safety, construction and labelling requirements for toys.

This revision incorporates the changes and additions from Amendments 1 and 2 to the 2010 edition. Additionally, the requirements for magnets previously provided in Appendix ZZ have been replaced with those in the latest edition of the ISO Standard. The revised requirements do not allow hazardous magnets, except in magnetic/electrical experimental sets under certain conditions, include additional foreseeable abuse tests specifically for toys with magnets, and use the small parts cylinder to identify those small strong magnets that are considered to be hazardous. These requirements are now substantially in alignment with those in the USA and Europe.

Furthermore, the 2010 AS/NZS variations concerning aquatic toys are no longer included so that requirements for aquatic toys are now aligned with the ISO Standard.

This Standard is identical with and has been reproduced from ISO 8124-1:2012, *Safety of toys*—Part 1: *Safety aspects related to mechanical and physical properties*.

As this Standard is reproduced from an International Standard, the following applies:

(a) Its number appears on the cover and title page while the International Standard number appears only on the cover.

(b) In the source text 'this part of ISO 8124' should read 'this Australian/New Zealand Standard'.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

| *Reference to International Standard* | | *Australian/New Zealand Standard* | |
|---|---|---|---|
| ISO | | AS | |
| 6508 | Metallic materials—Rockwell hardness test | 1815 | Metallic materials—Rockwell hardness test |
| 6508-1 | Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) | 1815.1 | Method 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) |
| IEC | | AS IEC | |
| 61672 | Electroacoustics—Sound level meters | 61672 | Electroacoustics—Sound level meters |
| 61672-1 | Part 1: Specifications | 61672.1 | Part 1: Specifications |
| 61672-2 | Part 2: Pattern evaluation tests | 61672.2 | Part 2: Pattern evaluation tests |

Only international normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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