AS/NZS ISO 8124.6:2011

ISO 8124-4:2010 ISO 8124-4:2010/Amd.1:2012 (Incorporating Amendment No.1)

Australian/New Zealand Standard™

Safety of toys

Part 6: Swings, slides and similar activity toys for indoor and outdoor family domestic use





AS/NZS ISO 8124.6:2011

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 17 August 2011 and on behalf of the Council of Standards New Zealand on 12 August 2011.

This Standard was published on 19 October 2011.

The following are represented on Committee CS-018:

Australian Chamber of Commerce and Industry
Australian Competition and Consumer Commission
Australian Retailers Association
Australian Toy Association
CHOICE
Consumer Affairs Victoria
Consumers Federation of Australia
Kidsafe, NSW
Ministry of Consumer Affairs (New Zealand)
National Acoustic Laboratories
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This Standard was issued in draft form for comment as DR AS/NZS ISO 8124.6.

Australian/New Zealand Standard™

Safety of toys

Part 6: Swings, slides and similar activity toys for indoor and outdoor family domestic use

First published as AS/NZS ISO 8124.6:2011. Reissued incorporating Amendment No. 1 (October 2012).

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PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee CS-018, Safety of Children's Toys. It is identical with, and has been reproduced from ISO 8124-4:2010, Safety of toys—Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use and its Amendment 1 (2012), which is added at the end of the source text.

This Standard incorporates Amendment No. 1 (October 2012). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide requirements to minimize the risk from certain specific hazards associated with the referenced products when used in a domestic environment.

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 part of AS/NZS ISO 8124'.
- (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		Australia/New Zealand Standard	
ISO		AS/NZS	SISO
8124	Safety of toys	8124	Safety of toys
8124-1	Part 1: Safety aspects related to	8124.1	Part 1: Safety aspects related to
	mechanical and physical properties		mechanical and physical properties
			(ISO 8124-1:2009, MOD)

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.

AS/NZS ISO 8124 consists of the following parts, under the general title, Safety of toys:

Part 1: Safety aspects related to mechanical and physical properties (ISO 8124-1:2009, MOD)

Part 2: Flammability [Identical with ISO 8124-2:2007]

Part 3: Migration of certain elements (ISO 8124-3:2010, MOD)

Part 6: Swings, slides and similar activity toys for indoor and outdoor family domestic use [Identical with ISO 8124-4:2010]

AS/NZS 8124 has the following parts under the same general title:

Part 9: Organic chemical compounds—Requirements [Identical with EN 71-9:2005]

Part 10: Organic chemical compounds — Sample preparation and extraction [Identical with EN 71-10:2005]

Part 11: Organic chemical compounds—Methods of analysis [Identical with EN 71-11:2005]

AS 8124 has the following parts under the same general title:

Part 4: Experimental sets for chemistry and related activities [Identical with EN 71-4:1998]

Part 5: Chemical toys (sets) other than experimental sets [Identical with EN 71-5:1993]

Part 7: Finger paints—Requirements and test methods [Identical with EN 71-7:2002]

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INTRODUCTION

This part of ISO 8124 is largely based upon existing standards in the European Union (EN 71-8) and in the United States (ASTM F1148).

However, it should not be construed that a toy manufactured in compliance with this part of ISO 8124 will be in full compliance with relevant national toy safety requirements in the market where the product is intended to be distributed. The user of this part of ISO 8124 is therefore advised to be aware of relevant national requirements.

Compliance with the requirements of this part of ISO 8124 will minimize potential hazards associated with toys resulting from their use in their intended play modes (normal use) as well as unintended play modes (reasonable foreseeable abuse).

This part of ISO 8124 will not, nor is it intended to, eliminate parental responsibility in the appropriate selection of toys. In addition, this part of ISO 8124 will not eliminate the need for parental supervision in situations where children of various ages may have access to the same toy(s).

AUSTRALIAN/NEW ZEALAND STANDARD

Safety of toys

Part 6:

Swings, slides and similar activity toys for indoor and outdoor family domestic use

1 Scope

See A.1.

This part of ISO 8124 specifies requirements and test methods for activity toys for domestic family use intended for children under 14 years to play on or in.

Products covered by this part of ISO 8124 include swings, slides, seesaws, carousels, rocking toys, climbing frames, fully enclosed toddler swing seats and other products intended to bear the mass of one or more children.

Products not included within the scope of this part of ISO 8124 are:

- a) fitness and sporting equipment unless attached to the activity toy;
- b) equipment intended for use in schools, day care centres, kindergartens, public playgrounds, restaurants, shopping centres and similar public places;
- c) juvenile care products such as, but not limited to, infant swings, playpens/enclosures, beds or furniture including picnic tables, cradle rockers and products specifically designed for therapeutic use.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

ISO 8124-1, Safety of toys — Part 1: Safety aspects related to mechanical and physical properties

3 Terms and definitions

For the purpose of this document, the terms and definitions given in ISO 8124-1 and the following apply.

3.1

activity toy

toy intended for family domestic use, intended to bear the mass of one or more children, often attached to or incorporating a crossbeam and intended for children to play on or in

EXAMPLES Swings, slides, carousels and climbing frames (see Figure 1).

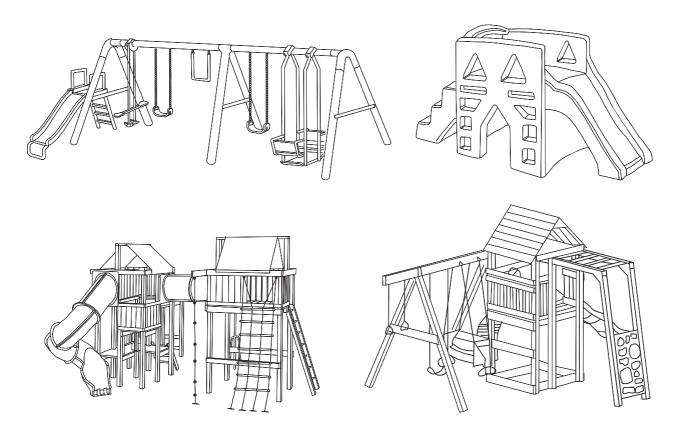


Figure 1 — Examples of activity toys (not to scale)

3.2

anchor

device used to fix the toy to the ground surface

3.3

attachment slide

slide for which access to the starting section is possible only by passing via other equipment or parts of other equipment

3.4

barrier

device intended to prevent children from falling from elevated surfaces

3.5

crossbeam

bar or beam which forms a main load-bearing part of the toy

3.6

entrapment

condition in which a body, part of a body or clothing becomes caught and impedes withdrawal

3.7

forced movement

movement where the direction and the extent of the child's movement is determined by the operation of the equipment, for example swinging, sliding, rocking or revolving