

Australian Standard[®]

Playground equipment

**Part 6: Particular safety requirements
and test methods for rocking equipment**

STANDARDS
Australia



This Australian Standard® was prepared by Committee CS-005, Playground Equipment. It was approved on behalf of the Council of Standards Australia on 13 September 2004. This Standard was published on 13 October 2004.

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- Australian Council of State School Organisations
 - Australian Early Childhood Association
 - Australian Industry Group
 - Australian Local Government Association
 - Australian Public Risk Insurance Management Association
 - Consumers Federation of Australia
 - Department for Human Services, S.A.
 - Engineers Australia
 - Kidsafe
 - New South Wales Department of Community Services
 - New South Wales Health Department
 - Office of Fair Trading, N.S.W.
 - Parks and Leisure, Australia
 - Plastics and Chemicals Industries Association
 - Playgrounds & Recreation Association of Victoria
 - Timber Preservers Association of Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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**Part 6: Particular safety requirements
and test methods for rocking equipment**

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PREFACE

This Standard was prepared by Standards Australia Committee CS-005, Playground Equipment to supersede, in part, AS 1924.2—1981, *Playground equipment for parks, schools and domestic use, Part 2: Design and construction—Safety aspects*.

This Standard incorporates Amendment No. 1 (April 2008). 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 Standard is Part 6 of the following series:

AS

- | | |
|--------|---|
| 4685 | Playground equipment |
| 4685.1 | Part 1: General safety requirements and test methods |
| 4685.2 | Part 2: Particular safety requirements and test methods for swings |
| 4685.3 | Part 3: Particular safety requirements and test methods for slides |
| 4685.4 | Part 4: Particular safety requirements and test methods for runways |
| 4685.5 | Part 5: Particular safety requirements and test methods for carousels |
| 4685.6 | Part 6: Particular safety requirements and test methods for rocking equipment |

This Standard must be used in conjunction with AS 4685.1.

This Standard is based on, but not equivalent to, EN 1176-6:2003, *Playground equipment, Part 6: Additional specific safety requirements and test methods for rocking equipment*, which was prepared by CEN/TC 136, Sports Playgrounds and Recreational Equipment.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

This Standard will apply from the date of publication. However the committee has decided that, to avoid excessive costs to manufacturers and operators, the superseded Standards, AS 1924.1 and AS 1924.2, will continue as an alternative for a period of one year after the publication date.

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STANDARDS AUSTRALIA

**Australian Standard
Playground equipment****Part 6: Particular safety requirements and test methods for rocking
equipment**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies particular safety requirements for seesaws and rocking equipment intended for permanent installation for use by children.

The requirements of this Standard apply in addition to the general requirements for playground equipment set out in AS 4685.1.

NOTE: Appendix A provides guidance for assessing the safety of equipment that does not conform with the types defined in this Standard.

1.2 OBJECTIVE

The objective of this Standard is to minimize risk of injury to children using playgrounds by providing internationally aligned specific requirements for playground equipment. The Standard is intended for use by designers, consultants, inspectors, manufacturers and installers of playground equipment as well as playground operators and maintenance professionals.

1.3 APPLICATION

The same hazards face a child from playground equipment whether it is produced by a commercial organization such as a specialist manufacturer, a voluntary group such as a service group or a parent organization or a single individual. The requirements of this Standard therefore apply to all playgrounds and playground equipment.

1.4 REFERENCED DOCUMENTS

AS
4685 Playground equipment
4685.1 Part 1: General safety requirements and test methods

1.5 DEFINITIONS

For the purposes of this Standard, the definitions given in AS 4685.1 and those below apply.

1.5.1 Anchorage

Means by which stability and fixation to the ground surface is made.

1.5.2 Damping

Combined effect of the supporting component(s) that moderates the speed at which the equipment can move and the reduction of shock effects at the outer positions of the equipment. The damping effect can be—