

Australian Standard™

Playground equipment

**Part 4: Particular safety requirements
and test methods for runways**

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.
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The following are represented on Committee CS-005:

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
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and test methods for runways**

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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*.

The Standard is Part 4 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 1176-4:2003, *Playground equipment, Part 4: Additional specific safety requirements and test methods for runways*, which was prepared by CEN/TC 136, Sports Playgrounds and Recreational Equipment.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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 However the committee has decided that, to avoid excessive costs to manufacturers and operators, the superseded Standards, AS 1924.1 and AS 1924.2, will continue as an alternative for a period of one year after the publication date.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 4: Particular safety requirements and test methods for runways****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard specifies particular safety requirements for runways (including flying foxes) intended for permanent installation for use by children. This Standard is applicable to runways where children travel on or along a cable by the use of gravity.

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

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, manufacturers and installers of playground equipment as well as playground operators, inspectors 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
4685.2	Part 2: Particular safety requirements and test methods for swings

1.5 DEFINITIONS

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

1.5.1 Area of travel

The part of the fall zone between the two stops on the main cable.

1.5.2 Main cable

The part of the structure suspended between the main cable fixing points along which the traveller moves.