



Playground equipment and surfacing

Part 2: Additional specific safety requirements and test methods for swings (EN 1176-2:2008, MOD)

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The following are represented on Committee CS-005:

- Australian Industry Group
 - Australian Institute of Landscape Architects
 - Department for Health and Ageing, SA
 - Early Childhood Australia
 - Education and Early Childhood Services Registration and Standards Board
 - Engineers Australia
 - Institute of Public Works Engineering Australia
 - Kidsafe
 - Monash University
 - National Association of Testing Authorities Australia
 - Occupational Therapy Australia
 - Play Australia
 - Play Equipment Importers and Exporters
-

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Australian Standard[®]

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PREFACE

This Standard was prepared by the Standards Australia Committee CS-005, Playground Equipment, to supersede, AS 4685.2—2004, *Playground equipment, Part 2: Particular safety requirements and test methods for swings*.

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 However, the Committee has decided that, to avoid excessive costs to manufacturers and operators, the superseded Standard, AS 4685.2—2004, will continue as an alternative for a period of one year after the publication date.

The objective of this Standard is to specify particular safety requirements for swings intended for permanent installation for use by children. General requirements and test methods are set out in AS 4685.1.

This Standard is an adoption with national modifications and has been reproduced from EN 1176-2:2008, *Playground equipment and surfacing, Part 2: Additional specific safety requirements and test methods for swings* and has been varied as indicated to take account of Australian conditions. The modifications are specified in Appendix ZZ.

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

- (a) In the source text ‘this European Standard’ should read ‘this Australian Standard’.
- (b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
EN		AS	
1176	Playground equipment and surfacing	4685	Playground equipment and surfacing
1176-1	Part 1: General safety requirements and test methods	4685.1	Part 1: General safety requirements and test methods (EN 4685-1:2008, MOD)

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

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Part 2:

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1 Scope

This part of EN 1176 specifies additional safety requirements for swings intended for permanent installation for use by children. Where the main play function is not swinging, the relevant requirements in this part of EN 1176 may be used, as appropriate.

NOTE Recommendations on the design and siting of swings are given in Annex A.

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 amendments) applies.

EN 1176-1:2008, *Playground equipment and surfacing — Part 1: General safety requirements and test methods*

3 Terms and definitions

For the purposes of this European standard, the terms and definitions given in EN 1176-1:2008, together with the following apply.

NOTE In order not to confine the application of this European Standard to those items of equipment currently in use and to allow freedom of design for the manufacture of new equipment, only the fundamental forms of equipment and motion are defined.

3.1

swing

moving equipment where the weight of the user is supported below a pivot or universal joint

3.2

swing with one rotational axis (Type 1)

seat, flexibly suspended individually from a load bearing cross beam that can swing to and fro in an arc at right angles to the cross beam (see Figure 1)



Figure 1 — Example of a swing with one rotational axis (Type 1)