

COMMITTEE CS-005

DR AS 4685.11 CP

(Project ID: 100436)

Combined Postal Ballot/Draft for Public Comment Australian Standard

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BEGINNING DATE 13 December 2011
FOR COMMENT:

CLOSING DATE 24 January 2012
FOR COMMENT:

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**Playground equipment
Part 11: Additional specific safety requirements and
test methods for spatial network**



STANDARDS
Australia

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Draft for Public Comment Australian Standard

The committee responsible for the issue of this draft comprised representatives of organizations interested in the subject matter of the proposed Standard. These organizations are listed on the inside back cover.

Comments are invited on the technical content, wording and general arrangement of the draft.

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Please place relevant clause numbers beside each comment.

Editorial matters (i.e. spelling, punctuation, grammar etc.) will be corrected before final publication.

The coordination of the requirements of this draft with those of any related Standards is of particular importance and you are invited to point out any areas where this may be necessary.

Please provide supporting reasons and suggested wording for each comment. Where you consider that specific content is too simplistic, too complex or too detailed please provide an alternative.

If the draft is acceptable without change, an acknowledgment to this effect would be appreciated.

Once you have registered and submitted your comments via the online form, your comments are automatically submitted to the committee for review.

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Draft for Public Comment

STANDARDS AUSTRALIA

Committee CS-005—Playground Equipment

DRAFT

Australian Standard

Playground equipment

Part 11: Additional specific safety requirements and test methods for spatial network

(To be AS 4685.11—201X)

Comment on the draft is invited from people and organizations concerned with this subject. It would be appreciated if those submitting comment would follow the guidelines given on the inside front cover.

Important: The procedure for public comment has changed – please read the instructions on the inside cover of this document

This document is a draft Australian Standard only and is liable to alteration in the light of comment received. It is not to be regarded as an Australian Standard until finally issued as such by Standards Australia.

PREFACE

This Standard was prepared by the Standards Australia Committee CS-005, Playground Equipment.

This Standard is an adoption with national modifications and has been reproduced from EN 1176-11:2008, *Playground equipment and surfacing—Part 11: Additional specific safety requirements and test methods for spatial network* and has been varied as set out in Appendix ZZ to take account of Australian conditions.

The objective of this Standard is to provide Australian designers and operators of children's playground equipment with additional specific safety requirements and test methods for spatial networks, to enhance safety levels for children using this equipment.

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

- (a) Its number appears on the cover and title page while the European Standard number appears only on the cover.
- (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 or Australian/New Zealand Standards, as follows:

Reference to International Standard

EN		AS	
1176	Playground equipment and surfacing	4685	Playground equipment
1176-1	Part 1: General safety requirements and test methods	4685.1	Part 1: General safety requirements and test methods

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.

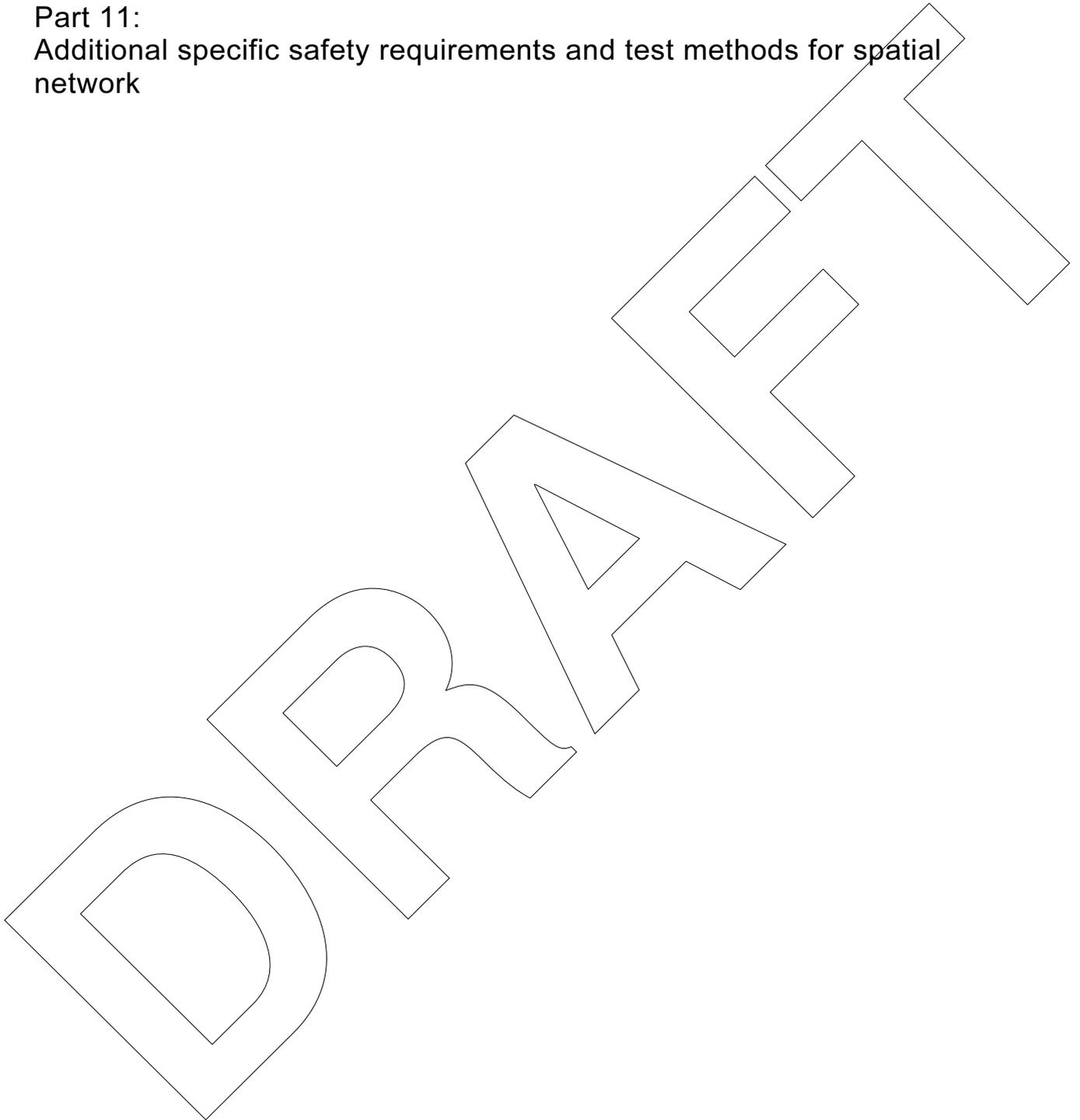
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APPENDIX ZZ
VARIATIONS TO EN 1176-11:2008 FOR AUSTRALIA

(Normative)

This Appendix provides variations between this Standard and EN 1176-11:2008.

Scope

Add new paragraph after the first paragraph:

This Standard is not applicable to planar nets, including an assembly of two or more planar nets or planar elements of mixed mode structures. For guidance on planar nets and elements, see AS 4685.1.

Clause 3.1

Note 2:

Delete reference to EN 1176-1:2008, 3.2 and *replace* with AS 4685.1:2004 cl 1.5.4.

Figure 1 c)

Delete figure.

Clause 3.2

Delete clause.

Clause 4.2

Delete clause.

Figure 4

Delete figure.

Clause 4.3

Delete reference to EN 1176-1:2008, 4.2.8.1 and *replace* with AS 4685.1:2004 cl 2.2.8.4.

Add Note 3:

NOTE 3: Due to the possibility of users jumping from spatial nets, a risk assessment should be conducted to determine the need to extend the fall zone and/or to enhance the impact attenuating properties of the playground surfacing.

Figure 5

Delete Figure 5 a) and *replace* with new figure:

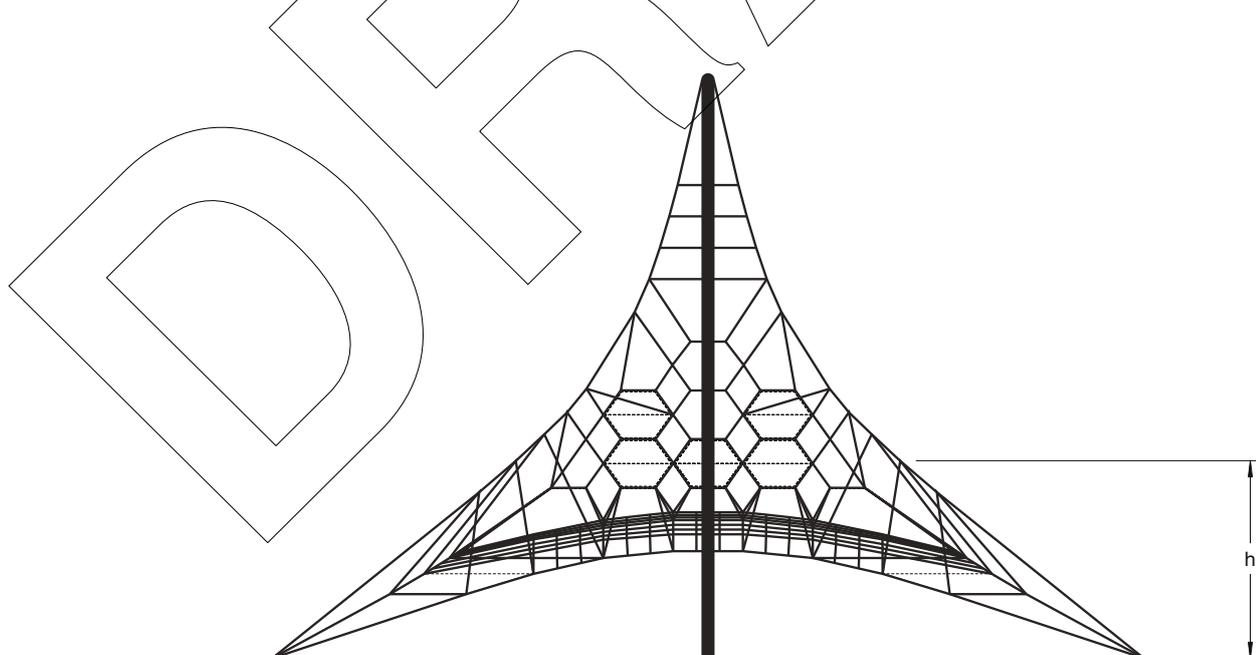


Table 1 *Delete note and replace with:*

NOTE: This table shows mathematical ratios that relate only to the structure. Appropriate impact attenuating surface materials are required on any surrounding impact area.

Clause 4.4 *Delete first paragraph.*

Clause 4.5 *Add new Clause.*

4.5 Secondary support system

Where the structural integrity of the spatial net could be compromised by the failure of any one anchoring point there shall be secondary means of supporting the spatial net to prevent collapse.

Clause 5 *Delete Clause 5 and replace with the following:*

Test reports shall be in accordance with the following:

- a) test report regarding compliance with AS 4685.11,
- b) certification of conformity with the relevant requirements of AS 4685.1 and AS 4685.11;
- c) the number and date of this Australian Standard, ie. AS 4685.11:2012;
- d) details of the equipment tested;
- e) details of the condition of the equipment including any defects observed before the test;
- f) details of any change in the condition of the equipment observed after the tests; and
- g) test results.

Clause 6 *Delete reference to EN 1176-1:2008, Clause 7 and replace with AS 4685.1:2004 Section 4.*

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Joint Australian/New Zealand Standards are prepared by a consensus process involving representatives nominated by organizations in both countries drawn from all major interests associated with the subject. Australian/New Zealand Standards may be derived from existing industry Standards, from established international Standards and practices or may be developed within a Standards Australia, Standards New Zealand or joint technical committee.

During the development process, Australian/New Zealand Standards are made available in draft form at all sales offices and through affiliated overseas bodies in order that all interests concerned with the application of a proposed Standard are given the opportunity to submit views on the requirements to be included.

The following interests are represented on the committee responsible for this draft Australian/ New Zealand Standard:

Australian Industry Group
Australian Institute of Landscape Architects
Department of Education and Children's Services
Department of Health (South Australia)
Early Childhood Australia Inc
Engineers Australia
Institute of Public Works Engineering Australia
Kidsafe
National Association of Testing Authorities Australia
Play Australia
Playtest
Occupational Therapy Australia
Royal Childrens Hospital
The Play Equipment Importers and Exporters

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Australian Standards are prepared by committees of experts from industry, governments, consumers and other relevant sectors. The requirements or recommendations contained in published Standards are a consensus of the views of representative interests and also take account of comments received from other sources. They reflect the latest scientific and industry experience. Australian Standards are kept under continuous review after publication and are updated regularly to take account of changing technology.

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