



## **Playground equipment and surfacing**

### **Part 0: Development, installation, inspection, maintenance and operation**



This Australian Standard® was prepared by Committee CS-005, Playground Equipment. It was approved on behalf of the Council of Standards Australia on 9 August 2017. This Standard was published on 30 August 2017.

---

The following are represented on Committee CS-005:

- Australian Industry Group
  - Australian Institute of Landscape Architects
  - Early Childhood Australia
  - Education and Early Childhood Services Registration and Standards Board
  - Engineers Australia
  - Institute of Public Works Engineering Australasia
  - Kidsafe
  - National Association of Testing Authorities Australia
  - NSW Fair Trading
  - Occupational Therapy Australia
  - Play Australia
  - Royal Children's Hospital
  - University of Sydney
- 

This Standard was issued in draft form for comment as DR AS 4685.0:2016.

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.

---

### **Keeping Standards up-to-date**

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting **[www.standards.org.au](http://www.standards.org.au)**

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at **[mail@standards.org.au](mailto:mail@standards.org.au)**, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

---

Australian Standard<sup>®</sup>

## Playground equipment and surfacing

### Part 0: Development, installation, inspection, maintenance and operation

Originated in Australia as part of AS 2155—1978.  
Originated in New Zealand as part of NZS 5828.1:1986.  
Revised and redesignated in part as AS/NZS 4486.1:1997.  
Revised and redesignated as AS 4685.0:2017.  
Reissued incorporating Amendment No. 1 (March 2019).

#### **COPYRIGHT**

© Standards Australia Limited

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968.

ISBN 978 1 76035 875 4

This is a preview. [Click here to purchase the full publication.](#)

## PREFACE

This Standard was prepared by the Standards Australia Committee CS-005, Playground Equipment, to supersede AS/NZS 4486.1:1997, *Playgrounds and playground equipment, Part 1: Development, installation, inspection, maintenance and operation*. It also incorporates the relevant parts of AS/NZS 4422:1996, *Playground surfacing—Specifications, requirements and test method*, dealing with the specifications and requirements for surfacing. AS/NZS 4422:1996 underwent review concurrently with this Standard and remains current solely to deal with the test method for impact-attenuating surfacing.

*This Standard incorporates Amendment No. 1 (March 2019). 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 minimize the risk of injury to playground users. It provides requirements for siting, designing and developing playgrounds, for the selection of appropriate equipment and other design elements, for product information requirements, instructions and operating procedures, and for the minimization of operational hazards. This Standard is intended for use by designers and installers of playground equipment, as well as the operators of playgrounds.

This Standard will apply from the date of publication.

This Standard has been designated Part 0 of the AS 4685 series of Standards as it deals with the development, installation, inspection, maintenance and operation of the playground. The other Parts of the series specify equipment requirements and test methods.

The term ‘informative’ has been used in this Standard to define the application of the appendices to which it applies. An ‘informative’ appendix is only intended for information and guidance.