

Australian Standard[®]

Swimming pool safety

**Part 1: Safety barriers for swimming
pools**



This Australian Standard® was prepared by Committee CS-034, Safety of Private Swimming Pools. It was approved on behalf of the Council of Standards Australia on 18 September 2012.

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- Australian Building Codes Board
 - Australian Competition and Consumer Commission
 - Australian Industry Group
 - Australian Institute of Building Surveyors
 - Building Codes Queensland
 - Bureau of Steel Manufacturers of Australia
 - Consumers Federation of Australia
 - Kidsafe
 - NSW Department of Health
 - NSW Office of Fair Trading
 - Planning South Australia
 - Royal Life Saving Society Australia
 - Swimming Pool and Spa Association of NSW
 - Swimming Pool and Spa Association of Western Australia
 - Swimming Pool and Spa Association of Victoria
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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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Swimming pool safety

Part 1: Safety barriers for swimming pools

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PREFACE

This Standard was prepared by the Standards Australia Committee CS-034, Safety of Private Swimming Pools, to supersede AS 1926.1—2007, *Swimming pool safety, Part 1: Safety barriers for swimming pools*, and AS 2820—1993, *Gate units for private swimming pools*.

The objective of this Standard is to assist pool owners/users in avoiding pool-related drowning by providing design, construction and performance of various barrier options, which are designed to restrict entry to the swimming pool area by young children.

This Standard is part of a series dealing with barriers, location of barriers and water recirculation and filtration systems for swimming pools, as follows.

AS

- 1926 Swimming pool safety
- 1926.1 Part 1: Safety barriers for swimming pools (this Standard)
- 1926.2 Part 2: Location of safety barriers for swimming pools
- 1926.3 Part 3: Water recirculation systems

This revision incorporates changes to the previous edition to correct and clarify many inconsistencies and areas of ambiguity. Technical and diagrammatic errors have been corrected to clarify particular safety issues. Glass barriers have been included for the first time.

This revision also incorporates the requirements for the design, construction and performance of gate units installed as part of a barrier from AS 2820, *Gate units for private swimming pools*.

Statistical evidence shows that the majority of drowning deaths in private swimming pools involve children under five years of age. For this reason, the requirements established by this Standard are directed at achieving a barrier that will make it difficult for a young child to gain access to a pool area, whether under, over or through the barrier.

It should be noted that the provisions of this Standard relate to barriers that are intended to be child resistant but not childproof, as effectiveness of the barrier is very much dependent on its location, installation and maintenance.

The requirements are established with the intention of leaving a high degree of flexibility to the consumer in the choice of barrier, desirable aesthetics and cost.

Requirements for the effective use of barriers in protecting children from pool hazards are given in AS 1926.2, *Swimming pool safety, Part 2: Location of safety barriers for swimming pools*.

In the development of this Standard reference was made to the Queensland Development Code (QDC).

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 the Standard, whereas in an ‘informative’ appendix is only for information and guidance.

Notes to the text contain information and guidance. They are not an integral part of the Standard.

CONTENTS

| | <i>Page</i> |
|---|-------------|
| SECTION 1 SCOPE AND GENERAL | |
| 1.1 SCOPE..... | 4 |
| 1.2 NORMATIVE REFERENCES | 4 |
| 1.3 DEFINITIONS..... | 4 |
| SECTION 2 DESIGN AND CONSTRUCTION OF ELEMENTS OF A BARRIER | |
| 2.1 GENERAL..... | 7 |
| 2.2 NON-CLIMBABLE ZONE (NCZ)..... | 7 |
| 2.3 BARRIERS..... | 12 |
| 2.4 GATES, GATE UNITS AND LATCH FITTINGS | 17 |
| 2.5 OTHER BARRIERS | 21 |
| 2.6 CHILD-RESISTANT OPENABLE PORTION OF WINDOW | 23 |
| 2.7 CHILD RESISTANT DOORSETS | 24 |
| 2.8 BALCONY BALUSTRADES | 25 |
| 2.9 ABOVE-GROUND POOLS | 25 |
| SECTION 3 LOADING REQUIREMENTS | |
| 3.1 STRENGTH AND RIGIDITY OF OPENINGS..... | 26 |
| 3.2 STRENGTH OF POSTS AND FOOTINGS | 26 |
| 3.3 STRENGTH OF BARRIER COMPONENTS..... | 26 |
| 3.4 CLOSING AND LATCHING OF GATES | 26 |
| 3.5 DURABILITY OF A GATE UNIT | 27 |
| APPENDICES | |
| A TEST FOR STRENGTH AND RIGIDITY OF BARRIER OPENINGS | 28 |
| B STRENGTH TEST FOR POSTS AND FOOTINGS..... | 32 |
| C STRENGTH TEST FOR RIGID BARRIER COMPONENTS | 34 |
| D STRENGTH TEST FOR FLEXIBLE MATERIALS AND COMPONENTS | 36 |
| E STRENGTH TEST FOR RIGID COMPONENTS OF GATE UNITS | 38 |
| F TEST OF DURABILITY OF GATE UNITS | 40 |

STANDARDS AUSTRALIA**Australian Standard
Swimming pool safety****Part 1: Safety barriers for swimming pools****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard specifies requirements for the design, construction and performance of barriers that will restrict the access of young children to swimming pools.

NOTE: Public swimming pools have different human dynamics, such as access for people with disabilities, increased gate usage, crowd behaviour and supervision, and the duplication of the requirements of this Standard may not always be appropriate.

1.2 NORMATIVE REFERENCES

The following are the normative documents referred to in this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

AS

1288 Glass in buildings—Selection and installation

1.3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

1.3.1 Barrier

The assembly of components, natural or otherwise, that restricts access to the pool. The barrier includes items such as fences, posts and panels, gate units, gates and doorsets, constructed or natural walls retaining or otherwise, sides of buildings, and balustrades on a balcony, where they form part of the intended barrier.

1.3.2 Barrier height

The height of the barrier perpendicular to the finished ground level.

1.3.3 Boundary barrier

A dividing barrier between two adjoining properties.

1.3.4 Child-resistant doorset

A barrier installed in a residential building that comprises a door, door frame, self-closing device and latch.

1.3.5 Child-resistant windows

The opening part of a window that is protected in accordance with Clause 2.6.

1.3.6 Finished ground level (FGL)

Ground level or other permanent stable surface.