

Australian Standard[®]

Spa pools

Part 1: Public spas

STANDARDS
Australia



This Australian Standard® was prepared by Committee CS-059, Spa Pools. It was approved on behalf of the Council of Standards Australia on 12 April 2007.
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The following are represented on Committee CS-059:

- NSW Health Department
- Office of Fair Trading NSW Consumer Protection Agency
- Royal Life Saving Society Australia
- Swimming Pool and Spa Association of NSW
- University of Queensland

Additional Interests:

- Consumers Federation of Australia
-

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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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PREFACE

This Standard was prepared by the Standards Australia Committee CS-059, Spa Pools, to supersede AS 2610.1—1993.

This Standard incorporates Amendment No. 1 (September 2011). 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 provide designers, specifiers, construction personnel and operators within the industry with information for the installation and operation of spas in order to standardize the industry generally and, in particular, safety aspects associated with spas in Australia

This edition incorporates the following major changes:

- (a) Inclusion of requirements for ventilation and room surface for spa pools installed indoors.
- (b) Amendment of requirements for walkway steps.
- A1 | (c) **‘Text deleted’**.
- (d) Inclusion of requirement for the frequency of disposal of waste water.
- (e) Expansion of chemical operational parameters to include free bromine/chlorine and ozone.
- (f) Inclusion of limitations for *Escherichia coli*, coliforms and *Pseudomonas aeruginosa*.

AS 2610.1—1983 will be withdrawn following substantial regulatory implementation of this edition, or within two years of publication of this edition, whichever is the earlier.

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

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for the design, construction and operation of public spa pools intended for recreational use, either separately installed or forming part of a swimming pool installation. It is not applicable to spa pools with a capacity of less than 680 L, commonly known as spa baths, in accordance with AS 3861, or to spa pools that are used under the direction of medical personnel, such as hydrotherapy pools, or stationary swimming pools.

The Standard applies only to 'public spas', as defined in the Standard. Recommended procedures for operators of public spa pools are given in Appendix C.

NOTE: Private spas are covered by AS 2610.2.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1159	Polyethylene pipes for pressure applications
1668	The use of mechanical ventilation and airconditioning in buildings
1668.2	Part 2: Ventilation design for indoor-air contaminant control
1926	Swimming pool safety
1926.3	Part 3: Water recirculation systems
2700	Colour standards for general purposes
3861	Spa baths
4560	Swim pool heaters
AS/NZS	
1477	PVC pipes and fittings for pressure applications
3000	Electrical installations (known as the Australian/New Zealand Wiring Rules)
3500	Plumbing and drainage
3500.1	Part 1: Water services
3518	Acrylonitrile butadiene styrene (ABS) pipes and fittings for pressure applications
60335.2.60	Household and similar electrical appliances-Safety-Particular requirements for whirlpool baths and whirlpool spas