

Australian Standard™

Hydrotherapy pools



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The following are represented on Committee MS-051:

Association of Consultants in Access Australia
Australian Physiotherapy Association
Department of Human Services (Victoria)
Prince Henry and The Prince of Wales Hospitals
Royal North Shore Hospital
Swimming Pool and Spa Association of NSW

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STANDARDS AUSTRALIA

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OF

AS 3979–2006

Hydrotherapy pools

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NOTES

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PREFACE

This Standard was prepared by the Standards Australia Committee MS-051, Hydrotherapy Pools, to supersede AS 3979—1993.

The objective of this Standard is to provide designers, specifiers and other interested parties with design, construction and operation information to facilitate the standardization of the hydrotherapy industry in Australia.

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

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FOREWORD

One of the fundamental difficulties in preparing a Standard for the design of purpose-built hydrotherapy pools is to ensure that the pool and its facilities meet the needs of all potential users.

During the development of this Standard it was necessary to consider the general requirements of all public, private and domestic hydrotherapy pools. It was not considered appropriate to nominate specific materials of construction or all design features of the pool as cost considerations, resulting from the insistence on particular materials and some design features, could place unacceptable constraints on the construction of hydrotherapy pools.

Hydrotherapy pools are constructed primarily, for use by persons of all ages suffering from a variety of conditions and disabilities, for the purpose of undertaking hydrotherapeutic exercise. In some cases they may be used for the teaching of swimming to persons with disabilities. These pools may also be utilized for general exercise activities. Due to the temperature at which the water is maintained, they are not recommended for intensive swimming training or high-level fitness activities.

STANDARDS AUSTRALIA

Australian Standard Hydrotherapy pools

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out requirements and recommendations for the design, construction and operation of pools, and requirements for use by and management of persons whose conditions require hydrotherapy. It does not apply to small tanks that incorporate fixed or rotating water jets with a water capacity of less than 7500 L or to small prefabricated therapy/fitness pools.

NOTE: The recommendation of this Standard may also provide advice for use when designing general purpose pools which from, time to time, may be made available for hydrotherapy purposes.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|----------|--|
| 1428 | Design for access and mobility |
| 1428.1 | Part 1: General requirements for access—Buildings |
| 1428.2 | Part 2: Enhanced and additional requirements—Buildings and facilities |
| 1668 | The use of ventilation and airconditioning in buildings |
| 1668.2 | Part 2: Ventilation design for indoor air contaminant control |
| 1838 | Swimming pools—Premoulded fibre-reinforced plastics—Design and fabrication |
| 1839 | Swimming pools—Premoulded fibre-reinforced plastics—Installation |
| 1926 | Swimming pool safety |
| 1926.3 | Part 3: Water recirculation and filtration systems |
| 2610 | Spa pools |
| 2610.1 | Part 1: Public spas |
| 2783 | Use of reinforced concrete for small swimming pools |
| 2818 | Guide to swimming pool safety |
| 3633 | Private swimming pools—Water quality |
| 4276 | Water microbiology |
| 4276.3.1 | Part 3.1: Heterotrophic colony count methods—Pour plate method using plate count agar |
| 4276.6 | Part 6: Thermotolerant coliforms and <i>Escherichia coli</i> —Estimation of most probable number (MPN) |
| 4276.7 | Part 7: Thermotolerant coliforms and <i>Escherichia coli</i> —Membrane filtration method |
| 4276.12 | Part 12: <i>Pseudomonas aeruginosa</i> —Estimation of most probable number (MPN) |
| 4276.13 | Part 13: <i>Pseudomonas aeruginosa</i> —Membrane filtration method |