

Australian Standard[®]

Lifts, escalators, and moving walks

**Part 17: Lifts for people with
limited mobility—Restricted use—
Water-drive**

This Australian Standard was prepared by Committee ME/4, Lift Installation. It was approved on behalf of the Council of Standards Australia on 14 July 1995 and published on 5 October 1995.

The following interests are represented on Committee ME/4:

ACT WorkCover
Association of Consulting Engineers, Australia
Association of Independent Lift Companies
Australian Assembly of Fire Authorities
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Construction Services, Department of Administrative Services
Building Owners and Managers Association of Australia
Department of Employment, Vocational Education, Training and
Industrial Relations, Qld
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Water-drive**

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/4 on Lift Installations. It was requested by manufacturers and users of lifts, statutory authorities for lifts and interests concerned for persons having limited mobility, for the purposes of safety and uniformity.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce it as an Australian Standard.

The objective of this Standard is to provide interested parties with requirements for water-powered lifts installed in private residences.

This Standard is one of a series of Standards covering lifting devices that are able to assist persons with limited mobility; others in the series are as follows:

AS

- 1735 Lifts, escalators, and moving walks (known as the SAA Lift Code)
- 1735.2 Part 2: Passenger and goods lifts—Electric
- 1735.3 Part 3: Passenger and goods lifts—Electrohydraulic
- 1735.7 Part 7: Stairway lifts
- 1735.8 Part 8: Inclined lifts
- 1735.12 Part 12: Facilities for persons with disabilities
- 1735.13 Part 13: Lifts for persons with limited mobility—Manually powered
- 1735.14 Part 14: Lifts for people with limited mobility—Restricted use—Low-rise platforms
- 1735.15 Part 15: Lifts for people with limited mobility—Restricted use—Non-automatically controlled
- 1735.16 Part 16: Lifts for people with limited mobility—Restricted use—Automatically controlled

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.

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STANDARDS AUSTRALIA

Australian Standard

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Part 17: Lifts for people with limited mobility—Restricted use—Water-drive

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for water-drive lifts that are installed in a private residence, as defined in AS 1735.1.

This Standard is complimentary to AS 1735.1, but requirements of this Standard take precedence over corresponding requirements of that Standard.

Care and responsibility of lifts shall be as specified in Appendix A.

NOTES:

- 1 Water additives may be used.
- 2 Guide for selection of lift types is given in Appendix B.

1.2 APPLICATION This Standard is intended to be applied where the lift is used primarily by persons with limited mobility.

It is not intended to be applied to lifts that transport goods.

NOTE: Where specific disabilities need to be catered for, help facilities may be required, each of which should comply with the relevant requirements of AS 1735.12 (inside the lift) and AS 1428.1 (outside the lift).

1.3 REFERENCED DOCUMENTS

AS

1428	Design for access and mobility
1428.1	Part 1: General requirements for access—Buildings
1477	Unplasticized PVC (UPVC) pipes and fittings for pressure applications
1735	Lifts, escalators, and moving walks
1735.1	Part 1: General requirements
1735.2	Part 2: Passenger and goods lifts—Electric
1735.3	Part 3: Passenger and goods lifts—Electrohydraulic
1735.10	Part 10: Tests
1735.12	Part 12: Facilities for persons with disabilities
1735.16	Part 16: Lifts for persons with limited mobility—Restricted use—Automatically controlled
1979	Electric cables—Lifts—Flexible travelling
3000	SAA Wiring Rules
3791	Hydraulic hoses
BCA	Building Code of Australia