

AS 1735.16—1993

Australian Standard[®]

Lifts, escalators, and moving walks

**Part 16: Lifts for persons with
limited mobility—Restricted use—
Automatically controlled**

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 7 June 1993 and published on 13 September 1993.

The following interests are represented on Committee ME/4:

A.C.T. Occupational Health and Safety Authority
Association of Consulting Engineers, Australia
Association of Independent Lift Companies
Australian Assembly of Fire Authorities
Australian Chamber of Commerce and Industry
Australian Uniform Building Regulations Coordinating Council
Building Owners and Managers Association of Australia
Department of Administrative Services—Australian Construction Services
Department of Employment, Industrial Relations and Training, Tas.
Department of Employment, Vocational Education, Training and Industrial Relations, Qld
Department of Labour, S.A.
Department of Occupational Health, Safety and Welfare, W.A.
Institution of Engineers, Australia
Lift Manufacturers Association of Australia
Metal Trades Industry Association of Australia
Occupational Health and Safety Authority, Vic.
Public Works Department, N.S.W.
WorkCover Authority, N.S.W.
Work Health Authority, N.T.

Additional interests participating in preparation of Standard:

Australian Council for Rehabilitation of Disabled
Technical Aid to the Disabled

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PREFACE

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

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
- 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 lifts

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STANDARDS AUSTRALIA

Australian Standard

Lifts, escalators, and moving walks

Part 16: Lifts for persons with limited mobility—
Restricted use—Automatically controlled

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for automatically controlled small-sized low-speed passenger lifts. The lifts are capable of being electrically isolated by a key-lockable control.

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

NOTES:

- 1 Guidance on periodic inspection and testing is given in Appendix A.
- 2 This Standard is not intended to be applied to lifts that transport goods.
- 3 This Standard is not complementary to either AS 1735.2 or AS 1735.3.
- 4 Guidance on the selection of the preferred type of lift is given in Appendix B.
- 5 This Standard applies to lifts that are primarily intended to be used by people with limited mobility who infrequently require a means of elevation to upper floors of their home, and in special cases, small community buildings that are not provided with lifts that comply with AS 1735.2 or 1735.3, subject to approval of the regulatory authorities.
- 6 Lifts complying with this Standard —
 - (a) have a low speed of not more than 0.25 m/s, or 0.3 m/s where car door is fitted.
 - (b) have a small floor area of not more than 1.6 m²;
 - (c) have a car travel of not more than 12 m; and
 - (d) have a key-lockable control, so that the use of the lift can be restricted to persons holding a locking means.

1.2 APPLICATION It is intended that this Standard be applied only where the lift is used infrequently, primarily by persons with limited mobility.

NOTES:

- 1 *Installation in other than private locations* Where installed in other than a single unit dwelling, regulatory authority may require the lift to be electrically isolated and the locking means to be kept in the care of a responsible person, whenever the lift is not being used.
- 2 *Catering for specific disabilities* Where specific disabilities need to be catered for, helpful 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 INNOVATION It is not intended that this Standard impose unnecessary restrictions on the use of new or unusual materials or methods, provided that they are approved by the regulatory authority.



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