

AS 1735.2—1997

Australian Standard[®]

Lifts, escalators and moving walks

**Part 2: Passenger and goods lifts—
Electric**

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 27 June 1997 and published on 5 September 1997.

The following interests are represented on Committee ME/4:

A.C.T. WorkCover
Association of Consulting Engineers, Australia
Association of Independent Lift Companies
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Elevator Association
Department of Industrial Affairs, S.A.
Department of Training and Industrial Relations, Qld
Institution of Engineers, Australia
Metal Trades Industry Association of Australia
New Zealand Lifts and Escalator Association
Property Council of Australia
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Part 2: Passenger and goods lifts— Electric

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standard New Zealand Committee ME/4 on Lift Installations, to supersede AS 1735.2—1993.

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 requirements for electric lifts that carry passengers or goods or both. The objective of this revision is to accommodate recent changes in engineering practices and advances in technology.

This Standard forms Part 2 of the AS 1735 series of Standards.

Other Parts in this series are as follows:

- Part 1: General requirements
- Part 3: Passenger and goods lifts—Electrohydraulic
- Part 4: Service lifts—Power-operated
- Part 5: Escalators
- Part 6: Moving walks
- Part 7: Stairway lifts
- Part 8: Inclined lifts
- Part 9: Special purpose industrial lifts
- Part 10: Tests
- Part 11: Fire-rated landing doors
- Part 12: Facilities for persons with disabilities
- Part 13: Lifts for persons with limited mobility—Manually powered
- Part 14: Lifts for people with limited mobility—Restricted use—Low-rise platforms
- Part 15: Lifts for people with limited mobility—Restricted use—Non-automatically controlled
- Part 16: Lifts for persons with limited mobility—Restricted use—Automatically controlled
- Part 17: Lifts for persons with limited mobility—Restricted use—Water-drive

This edition includes the following technical changes:

- (a) Incorporation of all revisions and additions contained in Amendments 1 through 3 as issued for the 1993 edition.
- (b) Amendments to Clauses 4.1, 11.1, 11.2, 12.3, 12.4.4, 12.17.3, 15.1.3.3, 19.1, 22.1.1.1, 23.13.3.1, 23.21, 23.25.2.3 and 24.4.1.
- (c) Introduction of a new Appendix H for material and thickness of glazing.

Changes of an editorial nature have also been made to bring the Standard in line with current Standards Australia policy.

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.

Attention is drawn to the publication of SAA Rul LI/1 *Rulings to the Lifts Standards*. These Rulings are available from Standards Australia through a subscription service. When a specific Ruling is included in an Amendment, such specific Ruling will be withdrawn at the time of publication of the Amendment. Enquiries should be directed to Standards Australia.

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