

Australian Standard<sup>®</sup>

**Lifts, escalators and moving walks**

**Part 1: General requirements**



This Australian Standard® was prepared by Committee ME-004, Lift Installations. It was approved on behalf of the Council of Standards Australia on 10 July 2003. This Standard was published on 2 September 2003.

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The following are represented on Committee ME-004:

- Association of Consulting Engineers Australia
  - Association of Independent Lift Companies
  - Australian Building Codes Board
  - Australian Chamber of Commerce and Industry
  - Australian Elevator Association
  - Australian Industry Group
  - Department for Administrative and Information Services (SA)
  - Department of Employment Training and Industrial Relations (Qld)
  - Department of Industries and Business NT
  - Department of Infrastructure, Energy and Resources (Tas)
  - Institution of Engineers Australia
  - New Zealand Lift and Escalator Association
  - NSW Department of Public Works and Services
  - Property Council of Australia
  - Victorian WorkCover Authority
  - WorkCover New South Wales
  - WorkSafe Western 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 public comment period.

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-004, Lift Installations, to supersede AS 1735.1—2001. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

*This Standard incorporates Amendment No. 1 (November 2006). 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 general requirements, including definitions, on terms, relevant to various Parts of the AS 1735 series.

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

The major change in this edition is the inclusion of an Appendix that sets out variations to BS EN81-2 for its acceptance in Australia as an alternative to AS 1735.3.

The AS 1735 series consist of the following parts:

|                 |               |  |
|-----------------|---------------|--|
| AS 1735.1       | Part 1:       | General requirements   |
| AS 1735.2       | Part 2:       | Passenger and goods lifts—Electric   |
| AS 1735.3       | Part 3:       | Passenger and goods lifts—Electrohydraulic                                     |
| AS 1735.4       | Part 4:       | Service lifts—Power-operated   |
| AS 1735.5       | Part 5:       | Escalators and moving walks  |
| AS 1735.7       | Part 7:       | Stairway lifts   |
| AS 1735.8       | Part 8:       | Inclined lifts   |
| AS 1735.9       | Part 9:       | Special purpose industrial lifts   |
| AS 1735.10(Int) | Part 10(Int): | Tests  |
| AS 1735.11      | Part 11:      | Fire-rated landing doors   |
| AS 1735.12      | Part 12:      | Facilities for persons with disabilities                                       |
| AS 1735.13      | Part 13:      | Lifts for persons with limited mobility—Manually powered                       |
| AS 1735.14      | Part 14:      | Low-rise platforms for passengers  |
| AS 1735.15      | Part 15:      | Low-rise passenger lifts—Non-automatically controlled                          |
| AS 1735.16      | Part 16:      | Lifts for people with limited mobility—Restricted use—Automatically controlled |
| AS 1735.17      | Part 17:      | Lifts for people with limited mobility—Restricted use—Water-drive              |
| AS/NZS 1735.18  | Part 18:      | Passenger lifts for private residence—Automatically controlled                 |

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

## CONTENTS

|  | <i>Page</i> |
|--|-------------|
| SECTION 1 SCOPE AND GENERAL  |             |
| 1.1 SCOPE .....  | 4           |
| 1.2 APPLICATION .....  | 5           |
| 1.3 REFERENCED DOCUMENTS .....   | 5           |
| 1.4 ALTERNATIVE STANDARD.....  | 7           |
| SECTION 2 DEFINITIONS .....  | 6           |
| SECTION 3 MATERIALS AND METHODS OF CONSTRUCTION                                  |             |
| 3.1 STEEL (OTHER THAN CASTINGS).....   | 27          |
| 3.2 CASTINGS.....  | 27          |
| 3.3 TIMBER.....  | 28          |
| 3.4 CONCRETE.....  | 28          |
| 3.5 WELDING .....  | 28          |
| APPENDICES   |             |
| A1   A VARIATION TO INTERNATIONAL STANDARDS FOR APPLICATION IN<br>AUSTRALIA..... | 29          |
| B VARIATION TO BS EN 81-2:1998 FOR APPLICATION IN AUSTRALIA .....                | 40          |

STANDARDS AUSTRALIA

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Part 1: General requirements

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SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard prescribes uniform requirements for lifts, escalators and moving walks (as defined herein).

This Standard does not apply to the following:

- (a) Temporary lifts and hoists, used solely for erecting, demolishing, altering, or repairing buildings or structures in which persons do not travel.
- (b) Temporary lifts used for carrying persons or persons and materials in building and construction work.
- (c) Orchestral and stage lifts.
- (d) Stacking machines, forklift trucks, and similar portable appliances.
- (e) Conveyors used for the handling of material and goods, such as swing tray elevators, bucket conveyors, and similar appliances.
- (f) Skip-hoists.
- (g) Amusement devices.
- (h) Loading ramps and dock levelers.
- (i) Serial hoists.
- (j) Bridge lifting-span lifts.
- (k) Railway car lifts.
- (l) Ropeways carrying passenger cabs or chairs.
- (m) Industrial platform hoists.
- (n) Hoists used in taxis and people moving road vehicles.
- (o) Building maintenance units.
- (p) Elevating work platforms.
- (q) Manually powered service lifts.
- (r) Guided hoists.