

Australian Standard™

**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 5 October 2001 and published on 4 December 2001.

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The following interests 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  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-004, Lift Installations, to supersede AS 1735.1—1999.

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 general requirements, including definitions of 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 variation to BS EN81-1 for its acceptance in Australia as an alternative to AS 1735.2.

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—Electro-hydraulic
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:	Lift for persons with limited mobility—Manually powered
AS 1735.14	Part 14:	Low-rise platforms for passengers
AS 1735.15	Part 15:	Lifts for people with limited mobility—Restricted use—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

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.

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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 levellers.
- (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.