

Australian Standard™

**Lifts, escalators and moving walks**

**Part 1: General requirements**

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 6 September 1999 and published on 5 December 1999.

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The following interests are represented on Committee ME/4:

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 of Administrative and Information Services, S.A.  
Department of Employment, Training and Industrial Relations, Qld  
Institution of Engineers Australia  
Ministry of Commerce N.Z.  
New Zealand Lift and Escalator Association  
Property Council of Australia  
Victorian WorkCover Authority  
Work Health Cover Authority N.T.  
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### **Part 1: General requirements**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/4—*Lift Installations*, to supersede AS 1735.1—1986.

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 definition of terms, relevant to various Parts of the AS 1735 series.

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
- AS 1735.6 Part 6: 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 Part 10: 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
- AS 1735.15 Part 15: Lifts for people with limited mobility—Restricted use—Non-automatically controlled for disabled
- 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

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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 materials 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.

**1.2 APPLICATION** This Standard and its companion document SAA Rul LI/1 (Rulings) are authoritative sources of fundamental principles for application by responsible and competent persons and organizations. This Standard has no legal authority in its own right but may acquire legal standing in one or more of the following ways:

- (a) Adoption by a statutory authority.
- (b) Reference to compliance with the Standard as a contractual requirement.
- (c) Claim by a manufacturer or manufacturer's agent of compliance with the Standard.