

Australian Standard[®]

Lifts, escalators and moving walks

Part 9: Special purpose industrial lifts

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 26 November 1993 and published on 21 February 1994.

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 Co-ordinating council
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Part 9: Special purpose industrial lifts

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PREFACE

This Standard was prepared by the Standards Australia Committee on Lift Installations.

This Standard is Part 9 of the series, AS 1735 *Lifts, escalators and moving walks (known as the SAA Lift Code)*, the other parts of which are as follows:

- Part 1: General requirements
- Part 2: Passenger and goods lifts—Electric
- 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 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 people with limited mobility—Restricted use—Automatically controlled

This Standard covers the requirements for special purpose industrial lifts that provide guided transportation for personnel, their tools and equipment on a range of structures and variety of locations.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Lifts, escalators and moving walks

Part 9: Special purpose industrial lifts

SECTION 1 SCOPE AND GENERAL

This Standard sets out requirements for permanently installed special purpose industrial lifts that provide guided transportation of authorized personnel, their tools and equipment, and materials for maintenance of plant.

NOTE: Such lifts are typically installed on structures such as bridge towers, chimneys, cranes, dams, silos, power stations, radio antennas, underground facilities, and similar structures.

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

SECTION 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|---------|---|
| 1530 | Methods for fire tests on building materials, components and structures |
| 1530.1 | Part 1: Combustibility test on materials |
| 1735 | Lifts, escalators and moving walks |
| 1735.1 | Part 1: General requirements |
| 1735.2 | Part 2: Passenger and goods lifts—Electric |
| 1735.3 | Part 3: Passenger and goods lifts—Electrohydraulic |
| 1735.10 | Part 10: Tests |
| 3000 | Electrical installations—Buildings, structures and premises (known as SAA Wiring Rules) |
| 3600 | Concrete structures |
| 3678 | Structural Steel—Hot-rolled plates, floor plates and slabs |
| 3990 | Mechanical equipment—Steelwork |
| BS | |
| 436 | Spur and helical gears |
| 436.2 | Part 2: Basic rack form, modules and accuracy (1 to 50 metric module) |
| 436.3 | Part 3: Method for calculating of contact and root bending stress limitations for metallic involute gears |