

Australian Standard™

Lifts, escalators and moving walks

Part 7: Stairway lifts

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 30 January 1998 and published on 5 May 1998.

The following interests are represented on Committee ME/4:

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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
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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 1735.7—1987.

This Standard is the result of 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 power-operated stairway lifts intended for use by persons with limited mobility.

This Standard is one of a series of Standards covering lifting devices which are able to assist persons with limited mobility; other Standards in the series are as follows:

AS

- 1735 Lifts, escalators and moving walks
- 1735.2 Part 2: Passenger and goods lifts—Electric
- 1735.3 Part 3: Passenger and goods lifts—Electrohydraulic
- 1735.8 Part 8: Inclined lifts
- 1735.12 Part 12: Facilities for persons with disabilities
- 1735.13 Part 13: Lifts for persons with limited mobility—Manually powered
- 1735.14 Part 14: Low-rise platforms for passengers
- 1735.15 Part 15: Lifts for people with limited mobility—Restricted use—Non-automatically controlled
- 1735.16 Part 16: Lifts for people with limited mobility—Restricted use—Automatically controlled
- 1735.17 Part 17: Lifts for people with limited mobility—Restricted use—Water-drive

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

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Part 7: Stairway lifts

1 SCOPE This Standard specifies requirements for power-operated stairway lifts intended for use by persons with limited mobility. The lifts consist of a carriage, incorporating a platform or a chair, or both, for raising or lowering persons along stairways.

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

Inspection requirements are given in Appendix A.

NOTE: Guidance on selection of lift type is given in Appendix B.

2 APPLICATION Lifts complying with this Standard are intended for passengers and wheelchair applications. Goods shall not be carried.

3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- | | |
|---------|---|
| 1532 | Short pitch transmission precision roller chains and chain wheels |
| 1735 | Lifts, escalators and moving walks |
| 1735.1 | Part 1: General Requirements |
| 1735.2 | Part 2: Passenger and goods lift—Electric |
| 1735.3 | Part 3: Passenger and goods lift—Electrohydraulic |
| 1735.13 | Part 13: Lifts for persons with limited mobility—Manually powered |
| 1735.14 | Part 14: Lifts for people with limited mobility—Restricted use—Low-rise platforms |
| 1735.15 | Part 15: Lifts for people with limited mobility—Restricted use—Non-automatically controlled |
| 1735.16 | Part 16: Lifts for persons with limited mobility—Restricted use—Automatically controlled |
| 1735.17 | Part 17: Lifts for people with limited mobility—Restricted use—Water-drive |
| 3000 | Electrical installation, buildings, structures and premises (known as the SA Wiring Rules) |
| 3569 | Steel wire ropes |
| ISO | |
| 2020 | Aerospace—Preformed flexible steel wire rope for aircraft controls |
| 2020.1 | Part 1: Dimensions and loads |
| 2020.2 | Part 2: Technical specifications |