

Australian Standard<sup>®</sup>

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**Lifts, escalators, and moving  
walks**

**Part 15: Lifts for people with  
limited mobility—Restricted use—  
Non—automatically controlled**

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This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 29 March 1990 and published on 4 June 1990.

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The following interests are represented on Committee ME/4:

ACT Administration  
Association of Consulting Engineers, Australia  
Association of Independent Lift Companies  
Australian Assembly of Fire Authorities  
Australian Chamber of Commerce  
Australian Uniform Building Regulations Coordinating Council  
Building Owners and Managers Association of Australia  
Confederation of Australian Industry  
Department of Administrative Services  
Department of Employment, Vocational Education, Training and Industrial Relations, Qld.  
Department of Labour, S.A.  
Department of Labour, Vic.  
Department of Labour and Industry, Tas.  
Department of Occupational Health, Safety and Welfare, W.A.  
Department of Public Works, N.S.W.  
Institution of Engineers, Australia  
Insurance Council of Australia  
Lift Manufacturers Association of Australia  
Metal Trades Industry Association of Australia  
Royal Australian Institute of Architects  
Work Health Authority, N.T.  
WorkCover Authority, N.S.W.

Additional interests participating in preparation of Standard:

ACROD  
Technical Aid to the Disabled

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AS 1735.15—1990

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Lift Installations. It was requested by manufacturers and users of lifts, statutory authorities for lifts, and interests concerned for persons having limited mobility, for the purposes of safety and uniformity.

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

## AS

1735	SAA Lift Code
1735.2	Part 2: Passenger and goods lifts—Electric
1735.3	Part 3: Passenger and goods lifts—Electrohydraulic
1735.7	Part 7: Stairway lifts
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: Lifts for people with limited mobility—Restricted use—Low-rise platforms

A draft Standard, as an additional Part of AS 1735, to cover automatically controlled lifts with restricted use for people with limited mobility is being prepared.

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## CONTENTS

	<i>Page</i>
1 SCOPE .....	4
2 APPLICATION .....	4
3 INNOVATION .....	4
4 REFERENCED DOCUMENTS .....	4
5 DEFINITIONS .....	4
6 DESIGN LIMITATIONS .....	4
7 MATERIALS .....	5
8 DRIVING MACHINES .....	5
9 SUSPENSION SYSTEMS AND SUPPORTING SYSTEMS .....	5
10 LIFTWAYS .....	7
11 GUIDE RAILS .....	9
12 GUIDE SHOES .....	10
13 BUFFERS .....	10
14 SAFETY GEAR .....	11
15 COUNTERWEIGHTS .....	11
16 CARS .....	11
17 DOORS AND GATES .....	12
18 DOOR LOCKS AND DOOR CONTACTS .....	14
19 CONTROL DEVICES .....	14
20 ELECTRICAL .....	15
21 LIGHTING .....	17
22 COMMUNICATION .....	17
23 NOTICES .....	18
APPENDICES	
A PERIODIC INSPECTION AND TESTING .....	20
B GUIDE FOR SELECTION OF THE PREFERRED TYPE OF LIFT .....	20

## STANDARDS AUSTRALIA

## Australian Standard

## Lifts, escalators, and moving walks

Part 15: Lifts for people with limited mobility—Restricted use—  
Non—automatically controlled

**1 SCOPE.** This Standard specifies requirements for low-speed passenger lifts controlled by a constant pressure device. The lifts are capable of being electrically isolated by a key-lockable control.

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

NOTE: Guidance on periodic inspection and testing and on selection of the preferred type of lift are given in Appendices A and B respectively.

**2 APPLICATION.** It is intended that this Standard be applied only where the lift is used infrequently, primarily by persons with limited mobility.

## NOTES:

1. *Installation in other than private locations.* Where installed in other than a single unit dwelling, the Statutory Authority may require the lift to be electrically isolated and the locking means to be kept in the care of a responsible person, whenever the lift is not being used.
2. *Catering for specific disabilities.* Where specific disabilities need to be catered for, helpful facilities may be required, each of which should comply with the relevant requirements of AS 1735.12 (inside the lift) and AS 1428.1 (outside the lift).

**3 INNOVATION.** It is not intended that this Standard impose unnecessary restrictions on the use of new or unusual materials or methods, provided that they are approved by the Statutory Authority.

**4 REFERENCED DOCUMENTS.** The following documents are referred to in this Standard:

## AS

1023	Low voltage switchgear and controlgear—Protection of electric motors
1023.1	Part 1: Built-in thermal detectors and associated control units
1023.2	Part 2: Current sensing protection devices for a.c. motors
1023.3	Part 3: Inherent overheat protectors
1428	Design for access and mobility
1428.1	Part 1: General requirements for access—Buildings
1532	Short pitch transmission precision roller chains and chain wheels
1735	SAA Lift Code
1735.1	Part 1: General requirements
1735.2	Part 2: Passenger and goods lifts—Electric
1735.3	Part 3: Passenger and goods lifts—Electrohydraulic
1735.4	Part 4: Service lifts—Power-operated
1735.10	Part 10: Tests
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: Lifts for people with limited mobility—Restricted use—Low-rise platforms
3000	SAA Wiring Rules
3569	Steel wire ropes
ISO	
4347	Leaf chains, clevises and sheaves

**5 DEFINITIONS.** For the purpose of this Standard, the definitions given in AS 1735.1 apply.

**6 DESIGN LIMITATIONS.**

**6.1 Speed.** The speed of the car shall be not more than 0.15 m/s.

**6.2 Travel.** The travel of the car shall be not more than 7 m.

NOTE: Where the length of travel is not more than 3 m, reduced heights of the walls of the liftway are permitted by Clause 10.2.2 and reduced heights of the walls of the car are permitted by Clause 16.5.

**6.3 Rated load.** The rated load shall be not less than 220 kg per square metre of the floor area of the car, subject to a minimum of 115 kg (see Figure 1 for some typical sizes).