

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 10 July 2003. This Standard was published on 2 September 2003.

The following 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
 - WorkSafe Western Australia
-

This Standard was issued in draft form for comment as DR 02349.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting **www.standards.org.au**

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at **mail@standards.org.au**, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

AS 1735.1—2003
(Incorporating Amendment No. 1)

Australian Standard[®]

Lifts, escalators and moving walks

Part 1: General requirements

Originated as AS CA3—1935.
Previous edition 2001.
Sixth edition 2003.
Reissued incorporating Amendment No. 1 (November 2006).

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia
ISBN 0 7337 5462 7

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-004, Lift Installations, to supersede AS 1735.1—2001. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

This Standard incorporates Amendment No. 1 (November 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

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 variations to BS EN81-2 for its acceptance in Australia as an alternative to AS 1735.3.

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 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:	Lifts for persons with limited mobility—Manually powered
AS 1735.14	Part 14:	Low-rise platforms for passengers
AS 1735.15	Part 15:	Low-rise passenger lifts—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
AS/NZS 1735.18	Part 18:	Passenger lifts for private residence—Automatically controlled

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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 APPLICATION	5
1.3 REFERENCED DOCUMENTS	5
1.4 ALTERNATIVE STANDARD.....	7
SECTION 2 DEFINITIONS	8
SECTION 3 MATERIALS AND METHODS OF CONSTRUCTION	
3.1 STEEL (OTHER THAN CASTINGS).....	27
3.2 CASTINGS.....	27
3.3 TIMBER.....	28
3.4 CONCRETE	28
3.5 WELDING	28
APPENDICES	
A1 A VARIATION TO INTERNATIONAL STANDARDS FOR APPLICATION IN AUSTRALIA.....	29
B VARIATION TO BS EN 81-2:1998 FOR APPLICATION IN AUSTRALIA	40

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-