

AS/NZS 4431:1996

Australian/New Zealand Standard®

---

**Guidelines for safe working  
on new lift installations in new  
constructions**

---

## **AS/NZS 4431:1996**

---

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 3 September 1996 and on behalf of the Council of Standards New Zealand on 15 November 1996. It was published on 5 December 1996.

---

The following interests are represented on Committee ME/4:

ACT WorkCover  
Association of Consulting Engineers, Australia  
Association of Independent Lift Companies  
Australian Assembly of Fire Authorities  
Australian Building Codes Board  
Australian Chamber of Commerce and Industry  
Australian Construction Services, Department of Administrative Services  
Building Owners and Managers Association of Australia  
Department of Training and Industrial Relations, Qld  
Department of Industrial Affairs S.A.  
Health and Safety Organization, Vic.  
Institution of Engineers, Australia  
Lift Manufacturers Association of Australia  
Metal Trades Industry Association of Australia  
New Zealand Lifts and Escalator Association  
Tasmania Development and Resources  
Work Health Authority, N.T.  
WorkCover Authority, N.S.W.  
WorkSafe, Western Australia

---

**Review of Standards.** To keep abreast of progress in industry, Joint Australian/New Zealand Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Joint Standards and related publications will be found in the Standards Australia and Standards New Zealand Catalogue of Publications; this information is supplemented each month by the magazines 'The Australian Standard' and 'Standards New Zealand', which subscribing members receive, and which give details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Joint Standards, addressed to the head office of either Standards Australia or Standards New Zealand, are welcomed. Notification of any inaccuracy or ambiguity found in a Joint Australian/New Zealand Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

---

AS/NZS 4431:1996

Australian/New Zealand Standard<sup>®</sup>

---

**Guidelines for safe working  
on new lift installations in new  
constructions**

---

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA  
1 The Crescent,  
Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND  
Level 10, Standards House,  
155 The Terrace,  
Wellington 6001 New Zealand

ISBN 0 7337 0755 6

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/4 on Lift Installations.

The objective of this Standard is to provide those responsible for lift installations in new buildings with guidelines to safe working provisions and practices.

### © Copyright — STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Users of Standards are reminded that copyright subsists in all Standards Australia and Standards New Zealand publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia or Standards New Zealand may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia or Standards New Zealand. Permission may be conditional on an appropriate royalty payment. Australian requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia. New Zealand requests should be directed to Standards New Zealand.

Up to 10 percent of the technical content pages of a Standard may be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia or Standards New Zealand.

Inclusion of copyright material in computer software programs is also permitted without royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia or Standards New Zealand at any time.

## CONTENTS

	<i>Page</i>
<b>SECTION 1 SCOPE AND GENERAL</b>	
1.1 SCOPE .....	7
1.2 DEFINITIONS .....	7
1.3 REFERENCED DOCUMENTS .....	7
<b>SECTION 2 JOB SITE INSPECTION</b>	
2.1 ACCESS TO WORK AREAS .....	9
2.2 PERIODIC ASSESSMENT .....	9
<b>SECTION 3 SITE ESTABLISHMENT</b>	
3.1 SITE ESTABLISHMENT SAFETY .....	10
3.2 DELIVERY OF SITE ESTABLISHMENT EQUIPMENT .....	10
3.3 ARRANGEMENT OF LIFTWELL DECKING REQUIREMENTS .....	10
3.4 ENTRANCE PROTECTION .....	10
3.5 LIGHTING AND POWER .....	12
3.6 TEMPORARY VENTILATION .....	12
3.7 NOISE .....	12
3.8 WEATHERPROOFING .....	12
3.9 CONSTRUCTION OPENINGS .....	12
3.10 AMENITIES AND EMERGENCY PROVISIONS .....	15
3.11 COMMUNICATION .....	15
<b>SECTION 4 INSTALLATION METHODS IN LIFTWELLS</b>	
4.1 FALSE CAR (GUIDED WORK PLATFORM) .....	16
4.2 PLATFORM WITH AND WITHOUT CAR ENCLOSURE FITTED .....	16
4.3 FIXED PLATFORM .....	16
4.4 SUSPENDED SCAFFOLDING (SWING STAGES) .....	16
4.5 JUMP FORM, SLIP FORM OR SIMILAR CONSTRUCTION .....	16
4.6 MAST CLIMBERS .....	16
4.7 SCAFFOLDING IN LIFTWELL .....	16
4.8 SCAFFOLDING FREE SYSTEM .....	16
4.9 PRE-ASSEMBLED LIFTWELLS .....	16
<b>SECTION 5 MECHANICAL HANDLING .....</b>	<b>16</b>
<b>SECTION 6 PITS</b>	
6.1 ACCESS .....	17
6.2 DEEP PIT .....	17
6.3 PIT EQUIPMENT .....	17
6.4 VENTILATION .....	17
6.5 WATER HAZARD .....	17
6.6 BUFFERS .....	17

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
-