Australian/New Zealand Standard™

Occupational protective clothing

Part 2: General requirements





#### AS/NZS 4501.2:2006

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-004, Occupational Protective Clothing. It was approved on behalf of the Council of Standards Australia on 24 February 2006 and on behalf of the Council of Standards New Zealand on 3 March 2006.

This Standard was published on 30 March 2006.

The following are represented on Committee SF-004:

**AWTA Textile Testing** Apparel & Textile Federation of New Zealand Association of Accredited Certification Bodies Australasian Fire Authorities Council Australian Business Limited Australian Chamber of Commerce and Industry Australian Industry Group Council of Textile and Fashion Industries of Australia Department of Consumer & Employment Protection, WorksSafe Division, WA Department of Defence **Testing Interests** Textile Clothing & Footwear Union of Australia The Australian Assembly of Volunteer Fire Brigades Associations United Firefighters Union of Australia University of Otago, New Zealand University of Western Sydney

#### Keeping Standards up-to-date

Standards are living documents which 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 Standards may also be withdrawn.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 which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 05563 and DR 06023.

AS/NZS 4501.2:2006

# Australian/New Zealand Standard™

# Occupational protective clothing

# Part 2: General requirements

Originated in Australia as part of AS 3765.1—1990. Previous edition AS/NZS 4501.2:1999. Third edition 2006.

### COPYRIGHT

© Standards Australia/Standards New Zealand

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.

Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

#### **PREFACE**

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-004, Occupational Protective Clothing to supersede AS/NZS 4501.2:1999, *Occupational protective clothing*, Part 2: *General requirements*.

This Standard is identical with, and has been reproduced from, EN 340:2003, *Protective clothing—General requirements*. The previous edition of AS/NZS 4501.2 was a modified adoption of ISO 13688:1998. This International Standard is now being revised based on EN 340:2003, and is not due for publication for several years. It is the Committee's intention to adopt it once it is published.

The objective of this Standard is to provide basic requirements for protective clothing. It is not intended to be used alone but in combination with a specific Standard.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the EN standard number appears only the cover.
- (b) In the source text 'this European Standard' should read 'this Australian/New Zealand Standard'.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

References to International and European Standards should be replaced with Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		Australian/New Zealand Standard		
EN 420	General requirements for gloves	AS/NZS 2161 2161.2	Occupational protective gloves Part 2: General requirements	
ISO				
3758	Textiles—Care labelling code using symbols	1957	Textile—Care labelling	
EN		AS		
6330	Textiles—Domestic washing and	2001	Methods of test for textiles	
	drying procedure for textile testing	2001.5.4	Method 5.4: Dimensional change— Domestic washing and drying procedures for textile testing (ISO 6330:2000, MOD)	
105	Textiles—Test for colour fastness (all parts)	2001.4	Part 4: Colourfastness tests (all parts)	

Only European or International referenced documents that have an Australian/New Zealand replacement have been listed.

In the course of considering adoption of this Standard, Committee SF-004 agreed that the reader's attention should be drawn to the following point:

The size of the designation in Clause 6 is intended for guidance only; Standards for clothing sizing are currently under revision in Australia and New Zealand.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

## **CONTENTS**

	Pa	age
1	Scope	1
2	Normative references	
3	Terms and definitions	
4 4.1 4.2 4.3 4.4	Basic health and ergonomic requirements  General  Innocuousness  Design  Comfort	2 2 2
5 5.1 5.2 5.3 5.4	Ageing  General  Colour fastness  Dimensional change due to cleaning  Washing and dry cleaning methods	4 5 5
6	Size designation	5
7 7.1 7.2	Marking General marking Specific marking	6
В	Information supplied by the manufacturer	8
Annex	A (informative)	9
Perfori	mance level	9
Annex	B (informative) Flow chart	10
Annex C.1 C.2 C.3 C.4	C (informative) Checking the ergonomic features of protective clothing (Practical performance tests)	11 11 11
Annex	D (informative)	14
D.1 D.2	les of size designation Examples of size designation for suits, jackets, coats and trousers Example of size designation for torso protector	14 15
	E (normative) Pictograms	16
	ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives	
9	r	-



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

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation