

AS/NZS 2161.4:1999

EN 407:1994

Reconfirmed 2016

Australian/New Zealand Standard™

Occupational protective gloves

Part 4: Protection against thermal risks (heat and fire)

[EN title: Protective gloves against thermal hazards (heat and/or fire)]

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF/23, Occupational Protective Gloves. It was approved on behalf of the Council of Standards Australia on 30 October 1998 and on behalf of the Council of Standards New Zealand on 9 November 1998. It was published on 5 May 1999.

The following interests are represented on Committee SF/23:

Association of Certification Bodies, Australia
Australian Chamber of Commerce and Industry
Australian Industry Group
Department of Labour, New Zealand
Griffith University
Safety Institute of Australia
Telstra Corporation, Australia
University of Otago, New Zealand
WorkCover New South Wales
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which subscribing members receive, and which give details of new publications, new editions and amendments, and of withdrawn Standards.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.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 2161.4:1999

Occupational protective gloves

Part 4: Protection against thermal risks (heat and fire)

RECONFIRMATION NOTICE

Technical Committee SF-023 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 16 June 2016.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 5 July 2016.

The following are represented on Technical Committee SF-023:

Australian Chamber of Commerce and Industry
Certification Interests (Australia)
Griffith University
National Safety Council of Australia
Safety Institute of Australia
University of Otago New Zealand
Worksafe New Zealand

NOTES

Australian/New Zealand Standard™

Occupational protective gloves

Part 4: Protection against thermal risks (heat and fire)

Originated in Australia as part of AS Z4—1952.
Final Australian edition part of AS 2161—1978.
Originated in New Zealand as part of NZS 1988:1965.
Final New Zealand edition part of NZS 5812:1982.
AS 2161—1978 and NZS 5812:1982 jointly revised,
amalgamated and redesignated in part as AS/NZS 2161.4:1999.

Published jointly by:

Standards Australia
1 The Crescent,
Homebush NSW 2140 Australia

Standards New Zealand
Level 10, Radio New Zealand House,
155 The Terrace,
Wellington 6001 New Zealand

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF/23, Occupational Protective Gloves to supersede (in part) AS 2161—1978 and NZS 5812:1982. It is identical with and has been reproduced from EN 407:1994, *Protective gloves against thermal hazards (heat and/or fire)*.

The objective of this Standard is to provide users and manufacturers with a set of general requirements for gloves intended to be used to provide protection against thermal hazards such as contact heat and small splashes of molten metal. It is not intended that such gloves be used for firefighting.

As this Standard is reproduced from a European Standard, the following applies:

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

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

<i>References to International and European Standards</i>		<i>Australian or Joint Australian/New Zealand Standard</i>	
EN		AS/NZS	
348	Protective clothing—Test method: Determination of behaviour of materials on impact of small splashes of molten metal	4502	Methods for evaluating clothing for protection against heat and fire
		4502.3	Part 3: Evaluation of behaviour of materials and material assemblies when exposed to small splashes of molten metal
366	Protective clothing—Protection against heat and fire—Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat	4502.1	Part 1: Evaluation of thermal behaviour of materials and material assemblies when exposed to a source of radiant heat
367	Protective clothing—Protection against heat and flames—Test method: Determination of the heat transmission on exposure to flame	4502.2	Part 2: Evaluation of heat transmission of materials and material assemblies when exposed to flame
373	Protective clothing—Assessment of resistance of materials to molten metal splash	4502.4	Part 4: Evaluation of the behaviour of materials and material assemblies when exposed to heavy splashes of molten metal
388	Protective gloves against mechanical risks	2161	Occupational protective gloves
		2161.3	Part 3: Protection against mechanical risks
420	General requirements for gloves	2161.2	Part 2: General requirements