

Australian/New Zealand Standard™

Occupational protective footwear

Part 6: Additional requirements and test methods

[Modified and including the full text of ISO 8782-5:2000]



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STANDARDS
NEW ZEALAND
Pūrongo Aotearoa

AS/NZS 2210.6:2001

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-003, Occupational Protective Footwear. It was approved on behalf of the Council of Standards Australia on 16 February 2001 and on behalf of the Council of Standards New Zealand on 16 February 2001. It was published on 5 May 2001.

The following interests are represented on Committee SF-003:

Association of Certification Bodies
Australian Podiatry Council
Australasian Fire Authorities Council
Bureau of Steel Manufacturers of Australia
Department of Defence, Australia
Department of Labour, New Zealand
Footwear Manufacturers Association of Australia
Melbourne Water
New Zealand Footwear Industry Association
New Zealand Leather and Shoe Research Association
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Australian/New Zealand Standard™

Occupational protective footwear

Part 6: Additional requirements and test methods

Originated as part of AS Z2—1952 and AS Z3—1952.
Previous edition AS/NZS 2210.2:1994.
Jointly revised and redesignated in part as AS/NZS 2210.6:2001.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-003, Occupational Protective Footwear to supersede (in part) AS/NZS 2210.2:1994, *Occupational protective footwear, Part 2: Specification*.

The objective of this Standard is to provide manufacturers with requirements for footwear intended for use in workplace applications.

This Standard is an adoption with national modifications and has been reproduced from the International Standard ISO 8782-5:2000, *Safety, protective and occupational footwear for professional use, Part 5: Additional requirements and test methods*. Appendix ZZ lists the variations between this Standard and ISO 8782-5. These changes are indicated by a rule in the margin against the affected text.

This Standard is intended to be used with AS/NZS 2210.2:2000, *Occupational protective footwear, Part 2: Requirements and test methods* which is reproduced from the International Standard, ISO 8782-1:1998 with national modifications.

During the preparation of ISO 8782-1, it became apparent that there were a number of requirements and test methods which were needed for certain types of occupational protective footwear, but which were not then at a sufficiently advanced stage for inclusion in that Standard. Some of those items have now been included in this Part, which is intended to supplement the contents of AS/NZS 2210.2 and to be used with it, in conjunction with Parts 7, 8 and 9 of AS/NZS 2210, as appropriate.

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

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text, 'this part of ISO 8782' should read 'this Australian/New Zealand Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian, New Zealand or Australian/New Zealand Standards, as follows:

<i>Reference to International Standards</i>		<i>Australian or Joint Australian/New Zealand Standard</i>	
ISO		AS/NZS	
6940	Textile fabrics—Burning behaviour —Determination of ease of ignition of vertically oriented specimens	—	
6942	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	Methods of evaluating clothing for protection against heat and fire
		4502.1	Part 1: Evaluation of thermal behaviour of materials and material assemblies when exposed to a source of radiant heat
8782	Safety, protective and occupational footwear for professional use	2210	Occupational protective footwear
8782-1	Part 1: Requirements and test methods	2210.2	Part 2: Requirements and test methods
8782-2	Part 2: Specification for safety footwear	2210.3	Part 3: Specification for safety footwear
8782-3	Part 3: Specification for protective footwear	2210.4	Part 4: Specification for protective footwear
8782-4	Part 4: Specification for occupational footwear	2210.5	Part 5: Specification for occupational footwear

ISO		AS/NZS	
8782-6	Part 6: Additional specifications for safety footwear	2210.7	Part 7: Additional specifications for safety footwear
8782-7	Part 7: Additional specifications for protective footwear	2210.8	Part 8: Additional specifications for protective footwear
8782-8	Part 8: Additional specifications for occupational footwear	2210.9	Part 9: Additional specifications for occupational footwear
11393	Protective clothing for users of hand-held chain saws	—	
11393-3	Part 3: Test methods for footwear	—	
EN			
388	Protective gloves against mechanical risks	—	

Manufacturers have a grace period of two years from the date of publication of AS/NZS 2210.2:2000 to comply with the requirements of this Standard.

Guidance for the selection, care and use of protective footwear is not covered by this Standard but is provided in AS/NZS 2210.1:1994, *Occupational protective footwear, Part 1: Guide to selection, care and use*.

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AUSTRALIAN/NEW ZEALAND STANDARD

Occupational protective footwear**Part 6:
Additional requirements and test methods****1 Scope**

This part of ISO 8782 specifies requirements and test methods relating to properties of footwear for professional use additional to those specified in ISO 8782-1. It covers water resistance, protection against cutting by hand held chain saws, resistance to fire fighting hazards (footwear for fire fighters), metatarsal protection and cut resistance.

This part of ISO 8782 can only be used in conjunction with parts 6, 7 and 8 of ISO 8782, which specify requirements for footwear relating to specific levels of risk.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 8782. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 8782 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 6940, *Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens.*

ISO 6942, *Protective clothing — Protection against heat and fire — Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat.*

ISO 8782-1:1998, *Safety, protective and occupational footwear for professional use — Part 1: Requirements and test methods.*

ISO 8782-2:1998, *Safety, protective and occupational footwear for professional use — Part 2: Specification for safety footwear.*

ISO 8782-3, *Safety, protective and occupational footwear for professional use — Part 3: Specification for protective footwear.*

ISO 8782-4, *Safety, protective and occupational footwear for professional use — Part 4: Specification for occupational footwear.*

ISO 8782-6, *Safety, protective and occupational footwear for professional use — Part 6: Additional specifications for safety footwear.*

ISO 8782-7, *Safety, protective and occupational footwear for professional use — Part 7: Additional specifications for protective footwear.*