

Australian/New Zealand Standard™

**Safety, protective and occupational
footwear**

Part 1: Guide to selection, care and use



AS/NZS 2210.1:2010

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 5 August 2010 and on behalf of the Council of Standards New Zealand on 13 August 2010.

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Australian Chamber of Commerce and Industry
Australia Industry Group
Department of Defence (Australia)
Energy Networks Australia
Footwear Manufacturers Association of Australia
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Part 1: Guide to selection, care and use

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PREFACE

This Standard was prepared by the Joint Australia/New Zealand Standards Committee SF-003, Protective Occupational Footwear, to supersede AS/NZS 2210.1:1994, *Occupational protective footwear, Part 1: Guide to selection, care and use*.

The objective of this Standard is to provide users with advice for recommended practices for the selection, care and use of safety, protective and occupational footwear for use in a wide range of environment and occupations. The objective of this revision is to incorporate changes in requirements and nomenclature of occupational footwear as described in the latest editions of the AS/NZS 2210 series.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out the recommended practices for the selection, care and use of safety, protective and occupational footwear. It also includes the hazards associated with the use of such footwear.

1.2 GENERAL PRINCIPLES

In general, safety, protective and occupational footwear should be worn to reduce injuries to feet resulting from—

- (a) contact with falling, rolling or cutting objects;
- (b) penetration through the sole or uppers;
- (c) friction or pressure blistering
- (d) explosions and electrical hazards;
- (e) contact with chemicals, heat and molten metals; and
- (f) slipping.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

- 2210 Occupational protective footwear
- 2210.2 Part 2: Test methods (ISO 20344:2004, MOD)
- 2210.3 Part 3: Specification for safety footwear (ISO 20345:2004, MOD)
- 2210.4 Part 4: Specification for protective footwear (ISO 20346:2004, MOD)
- 2210.5 Part 5: Specification for occupational footwear (ISO 20347:2004, MOD)

EN

- 50321 Electrically insulating footwear for working on low voltage installations

ISO

- 17249 Safety footwear with resistance to chain saw cutting

1.4 DESIGN, CONSTRUCTION AND CLASSIFICATION

Construction of safety, protective and occupational footwear is exemplified in Figure 1. Design and classification have been defined in AS/NZS 2210, Parts 2–5. Classification is presented in Table 1. Designs of footwear are illustrated in Figure 2. Protective elements should be incorporated in the footwear in such a way that they cannot be removed without damaging it.