

Australian/New Zealand Standard™

**Protective helmets for structural
firefighting**

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AS/NZS 4067:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-049, Firefighters' Personal Protective Equipment. It was approved on behalf of the Council of Standards Australia on 5 April 2012 and on behalf of the Council of Standards New Zealand on 2 April 2012. This Standard was published on 30 April 2012.

The following are represented on Committee SF-049:

Association of Accredited Certification Bodies
Australasian Fire and Emergency Service Authorities Council
Australian Chamber of Commerce and Industry
Australian Industry Group
Council of Textile and Fashion Industries of Australia
CSIRO Textile and Fibre Technology
Department of Defence (Australia)
Footwear Manufacturers Association of Australia
New Zealand Fire Services
New Zealand Footwear Industry Association.
New Zealand Leather and Shoe Research Association
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Australian/New Zealand Standard™

Protective helmets for structural firefighting

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-049, Firefighters' Personal Protective Equipment, to supersede AS/NZS 4067:2004, *Firefighters' helmets*.

This Standard incorporates Amendment No. 1 (October 2014). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

It has been the Committee's intention to align this Standard in the future with relevant ISO Standards for firefighters' PPE when these are published. The objective of the current revision is to progress this alignment by adopting test methods from both EN 443 and NFPA 1971 in place of, or additional to, former requirements.

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

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Protective helmets for structural firefighting

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for helmets designed to protect the head from a blow by a heavy or sharp object, as well as adverse environmental conditions likely to be encountered in structural firefighting.

This Standard specifies performance criteria for faceshields, ear and neck protectors where these are fitted to the helmet. Other accessories are not covered by this Standard.

Those organizations responsible for other specialist functions, e.g. bush firefighting, are urged to use protective equipment specifically designed for those activities, e.g. Type 3 helmets specified in AS/NZS 1801.

1.2 OBJECTIVE

The objective of this Standard is to specify helmets that are to be worn for structural firefighting in order to reduce the severity of head and facial injury associated with such activities.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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|--------|---|
| 1815 | Metallic materials—Rockwell hardness test |
| 1815.1 | Test methods (Scales A, B, C, D, E, F, G, H, K, N, T) |
| 2755 | Textile fabrics—Burning behaviour |
| 2755.1 | Part 1: Determination of ease of ignition of vertically oriented specimens |
| 2755.2 | Part 2: Measurement of flame spread properties of vertically oriented specimens |

AS/NZS

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|----------|---|
| 1337 | Personal eye protection |
| 1337.0 | Part 0: Eye and face protectors—Vocabulary |
| 1337.1 | Part 1: Eye and face protectors for occupational applications |
| 1598 | Protective helmets for vehicle users |
| 1801 | Occupational protective helmets |
| 1906 | Retroreflective materials and devices for road traffic control purposes |
| 1906.1 | Part 1: Retroreflective sheeting |
| 2512 | Methods of testing protective helmets |
| 2512.1 | Method 1: Definitions and headforms |
| 2512.2 | Method 2: General requirements for the conditioning and preparation of test specimens and laboratory conditions |
| 2512.3.1 | Method 3.1: Determination of impact energy attenuation—Helmet drop test |
| 2512.5.1 | Method 5.1: Determination of strength of retention system—Static strength |