AS/NZS 4067:2012
(Incorporating Amendment No. 1)

AS/NZS 4067:2012

Australian/New Zealand Standard™

Protective helmets for structural firefighting

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.
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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
New Zealand Manufacturing Interests
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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 AS/NZS 4067.

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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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S E C T I O N 1 S C O P E A N D G E N E R A L

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 these 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
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
1337 Personal eye protection
1337.0 Part 0: Eye and face protectors—Vocabulary
1337.1 Part 1: Eye and face protectors for occupational applications

1698 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