AS 4067:2012
(Incorporating Amendment Nos 1 and 2)

AS 4067:2012

Australian STANDARD

Protective helmets for structural firefighting

STANDARDS Australia

This Australian Standard® was prepared by Committee SF-049, Firefighters' Personal Protective Equipment. It was approved on behalf of the Council of Standards Australia on 5 April 2012.
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- 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
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- New Zealand Footwear Industry Association.
- New Zealand Leather and Shoe Research Association
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- New Zealand Professional Firefighters Union
- NSW Rural Fire Service Association
- Suppliers of Helmets
- Testing Interests (Australia)
- United Firefighters Union of Australia
- University of Otago New Zealand
- WorkCover NSW

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian 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) and Amendment No. 2 (May 2020). 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.

A2 Amendment No. 2 to this Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee SF-049, Firefighters Personal Protective Equipment. As a consequence of Amendment No. 2, which is published as an Australian-only amendment, the designation of this Standard has been changed from AS/NZS 4067:2012 to AS 4067:2012.

Clauses 5.13 and Q1 in this Standard deviate from SG-006 Clause 34 in that they specify the accreditation of testing laboratories and third party laboratory testing, respectively. This was approved by the Standards Development and Accreditation Committee (SDAC) on 8 November 2019.

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.

CONTENTS

Page

SECTION 1 SCOPE AND GENERAL
1.1 SCOPE 5
1.2 OBJECTIVE 5
1.3 REFERENCED DOCUMENTS 5
1.4 DEFINITIONS 6

SECTION 2 MATERIALS OF CONSTRUCTION

SECTION 3 DESIGN AND CONSTRUCTION
3.1 GENERAL 8
3.2 SHELL 8
3.3 RETENTION SYSTEM 9
3.4 FACESHIELD 9
3.5 EAR AND NECK PROTECTION 9
3.6 HELMET ACCESSORIES AND ASSOCIATED EQUIPMENT 10

SECTION 4 TEST SAMPLES AND CONDITIONING
4.1 GENERAL 11
4.2 TEST SAMPLES 11
4.3 CONDITIONING 12

SECTION 5 PERFORMANCE REQUIREMENTS
5.1 ELECTRICAL INSULATION 15
5.2 FLAME PROPAGATION 15
5.3 CONVECTIVE HEAT EXPOSURE 15
5.4 RADIANT HEAT EXPOSURE 15
5.5 IMPACT ENERGY ATTENUATION (ACCELERATION METHOD) 15
5.6 IMPACT RESISTANCE (FORCE TRANSMISSION METHOD) 16
5.7 PENETRATION RESISTANCE 16
5.8 RETENTION SYSTEM 16
5.9 FACESHIELDS 17
5.10 EAR AND NECK PROTECTORS 18
5.11 HORIZONTAL PERIPHERAL VISION 18
5.12 MECHANICAL RIGIDITY 19
5.13 TEST LABORATORY 20

SECTION 6 MARKING
6.1 HELMETS 21
6.2 INFORMATIVE LABELLING 21
6.3 REPLACEMENT COMPONENTS MARKING 22

APPENDICES
A CHARACTERISTICS OF MATERIALS USED IN THE MANUFACTURE OF HELMETS 23
B CHEMICAL RESISTANCE TESTING OF FACESHIELDS 24
C ELECTRICAL INSULATION TEST 25
D DETERMINATION OF FLAME PROPAGATION PROPERTIES OF HELMETS 27
E CONVECTIVE HEAT EXPOSURE TEST 30
F RADIANT HEAT EXPOSURE TEST 32

G HELMET SHELL DURABILITY CONDITIONING 35
H IMPACT ENERGY ATTENUATION (ACCELERATION METHOD) 36
I PENETRATION TEST 40
J DETERMINATION OF FLAME PROPAGATION PROPERTIES OF FACESHIELDS 42
K FACESHIELDS—IMPACT RESISTANCE TESTS 44
L HOT SOLIDS EXPOSURE TEST 50
M RADIANT HEAT CONDITIONING 52
N IMPACT RESISTANCE (FORCE TRANSMISSION METHOD) 54
O MECHANICAL RIGIDITY 57
P THERMAL SHOCK TEST (FOR FACESHIELD ONLY) 58
Q AFTERMARKET ACCESSORIES 59

STANDARDS AUSTRALIA

Australian Standard
Protective helmets for structural firefighting

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.

A2 This Standard specifies performance criteria for faceshields, ear and neck protectors where these are fitted to the helmet. Other accessories performance criteria are not covered by this Standard.

Requirements for aftermarket accessories are given in Appendix Q.

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