

AS/NZS 1801:2024



Australian/New Zealand Standard™

# Occupational protective helmets



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The following are represented on Committee SF-018:

- Association of Accredited Certification Bodies
- Australasian Fire and Emergency Service Authorities Council
- Australian Industry Group
- Australian Institute of Health & Safety
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
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- Monash University Accident Research Centre
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Second edition 1981.  
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## Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-018, Occupational Protective Helmets, to supersede AS/NZS 1801:1997.

The objective of this document is to specify protective helmets that are to be worn in a variety of occupations, in order to reduce the severity of head injury from hazards associated with such activities.

The major changes in this edition are as follows:

- (a) Introduction of a Type 4 helmet, the enhanced occupational protective helmet, that is intended to protect the front, side and rear of the wearer's head. Reflecting this change is the introduction of impact energy attenuation requirements, retention system strength and stability tests.
- (b) Elimination of mandatory harness dimensions and clearances for Type 1 helmets. A Type 1 helmet may be constructed using a conventional harness system, but it may also be constructed using an impact energy attenuation liner. The intention is to make the standard less design restrictive. [Appendix A](#) provides harness system details based on AS/NZS 1801:1997.
- (c) Specifications for the Type 3 helmet are now contained in AS/NZS ISO 16073.5 helmets intended for wildland firefighting.
- (d) The stiffness test for helmets is now optional. This is specified in [Clause 4.7](#).

The terms “normative” and “informative” have been used in this document to define the application of the appendices 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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