

Australian/New Zealand Standard™

Filters for eye protectors

**Part 3: Filters for protection against
infra-red radiation**



AS/NZS 1338.3:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-006, Eye and Face Protection. It was approved on behalf of the Council of Standards Australia on 13 June 2012 and on behalf of the Council of Standards New Zealand on 18 June 2012.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-006, Eye and Face Protection, to supersede AS/NZS 1338.3:1992, *Filters for eye protectors, Part 3: Filters for protection against infra-red radiation*.

The objective of this Standard is to specify requirements for filters used in eye protection against infra-red radiation.

The objective of this revision is to address minor errors and update references and incorporate sample numbers.

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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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for filters used in eye protection against infra-red radiation. It provides a system of designating code numbers and shade numbers and specifies the transmittance requirements for such filters.

NOTE: Guidance on the selection of filters is given in Appendix A.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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
1337.6	Part 6: Prescription eye protectors against low and medium impact
1338	Filters for eye protectors
1338.1	Part 1: Filters for protection against radiation generated in welding and allied operations

IEC

60050-845 International Electrotechnical Vocabulary, Chapter 845: Lighting

CIE

S 017 International Lighting Vocabulary

ISO

11664 Colorimetry

11664-1 Part 1: CIE Standard colorimetric observers

1.3 DEFINITIONS

For the purpose of this Standard, the definitions in AS/NZS 1337.0, AS/NZS 1337.1 and IEC 60050-845/CIE S 017 apply.