Australian/New Zealand Standard™

Retroreflective materials and devices for road traffic control purposes

Part 4: High-visibility materials for safety garments





AS/NZS 1906.4:2010

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee MS-049, Retroreflective Devices. It was approved on behalf of the Council of Standards Australia on 28 June 2010 and on behalf of the Council of Standards New Zealand on 23 July 2010.

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The following are represented on Committee MS-049:

Australian Chamber of Commerce and Industry
Australian Industry Group
Austroads
AWTA Textile Testing
CSIRO Textile and Fibre Technology
Department of Transport, Energy and Infrastructure, SA
New Zealand Transport Agency
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AS/NZS 1906.4:2010 (Incorporating Amendment No. 1)

Australian/New Zealand Standard™

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Part 4: High-visibility materials for safety garments

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MS-049, Retroreflective Devices and supersedes AS/NZS 1906.4:1997, Retroreflective materials and devices for road traffic control purposes, Part 4: High visibility materials for safety garments.

This Standard incorporates Amendment No. 1 (April 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 is one of a series of four Standards as follows:

AS

- 1906 Retroreflective materials and devices for road traffic control purposes
- 1906.3 Part 3: Raised pavement markers (retroreflective and non-retroreflective)

AS/NZS

- 1906 Retroreflective materials and devices for road traffic control purposes
- 1906.1 Part 1: Retroreflective sheeting
- 1906.2 Part 2: Retroreflective devices (non-pavement application)
- 1906.4 Part 4: High visibility materials for safety garments (this Standard)

This Standard covers only high-visibility materials to be used in the manufacture of safety garments, rather than the garments themselves. Requirements for high-visibility garments are specified in AS/NZS 4602.1, *High visibility safety garments*, Part 1: *Garments for general use*.

The principal changes from the 1997 edition of this Standard are as follows:

- (a) The photometric performance required of Class RF combined performance retroreflective/fluorescent material has been raised to the same level as other retroreflective materials.
- (b) The testing of daylight colour and luminance factor of fluorescent materials has been refined and now makes provision for use of the double monochromator method where warranted.
- (c) The test for daylight colour retention in fluorescent materials when wet, has been made optional.
- (d) A clause relating to the acceptance of background material supplied from overseas has been deleted.

EN 471, High-visibility warning clothing for professional use—Test methods and requirements, was consulted in the preparation of this Standard.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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