Australian/New Zealand Standard™

Safety of laser products

Part 10: Application guidelines and explanatory notes to AS/NZS 2211.1 (IEC TR 60825-10:2002, MOD)

STANDARDS AUSTRALIA

STANDARDS NEW ZEALAND
Paerewa Aotearoa

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-019, Personal Protection Against Laser Radiation. It was approved on behalf of the Council of Standards Australia on 1 April 2004 and on behalf of the Council of Standards New Zealand on 16 April 2004. It was published on 3 June 2004.

The following are represented on Committee SF-019:

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Australian Defence Force Academy
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Australian Radiation Laboratory
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-019, Personal Protection Against Laser Radiation to supersede AS/NZS 2211.1 Supp1:1999, *Laser safety,* Part 1: *Equipment classification, requirements and user's guide,* Supplement 1: *Application guidelines and explanatory notes*, *(Supplement to AS/NZS 2211.1:1977)*.

The Standard is an adoption with national modifications and has been reproduced from IEC TR 60825-10:2002, *Safety of laser products*, Part 10: *Application guidelines and explanatory notes to IEC 60825-1*.

For the purpose of this Standard, the IEC text is supplemented as set out in Appendix ZZ. These changes are indicated by a marginal bar against the relevant clause or part thereof affected.

The objective of this Standard is to provide users of AS/NZS 2211.1 with background information for that Standard (specifically the laser hazard, classification system, intrabeam viewing and extended source viewing), giving the user an insight into the physics behind the Standards, so that the user may correctly interpret its requirements.

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

As this Standard is reproduced from an International Standard, the following applies:

(a) Its number appears on the cover and title page while the International Standard number appears only on the cover.

(b) In the source text, 'this technical report' should read 'this Australian/New Zealand Standard'.

(c) A full point should be substituted for a comma when referring to a decimal marker.

References to International Standards should be replaced by references Australian Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
IEC		AS/NZS	
60825	Safety of laser products	2211	Safety of laser products
60825-1	Part 1: Equipment classification, requirements and user's guide	2211.1	Part 1: Equipment classification, requirements and user's guide

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