

Australian/New Zealand Standard™

**Safety of laser products**

**Part 5: Manufacturer's checklist for  
AS/NZS 2211.1**



## **AS/NZS 2211.5:2006**

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 19 January 2006 and on behalf of the Council of Standards New Zealand on 3 February 2006.  
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Australian Radiation Laboratory  
Department of Defence (Australia)  
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**RECONFIRMATION**  
**OF**  
**AS/NZS 2211.5:2006**  
**Safety of laser products**  
**Part 5: Manufacturer's checklist for AS/NZS 2211.1**

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 7 October 2015.

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## NOTES

# Australian/New Zealand Standard™

## Safety of laser products

### Part 5: Manufacturer's checklist for AS/NZS 2211.1

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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.

The Standard is identical with and has been reproduced from IEC/TR 60825-5 Ed.2.0 (2005), *Safety of laser products, Part 5: Manufacturer's checklist for IEC 60825-1*.

The objective of this Standard is to provide a checklist, intended for use by manufacturer's of laser products and their agents to establish that each new or modified design complies with the requirements of AS/NZS 2211.1.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
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 (IEC 60825-1:2001, MOD)

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## AUSTRALIAN/NEW ZEALAND STANDARD

**Safety of laser products**

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## SECTION ONE – GENERAL

NOTE Numbers shown in parenthesis refer to the relevant clause in IEC 60825-1.

**1 Scope (1.1)**

This technical report is applicable to laser products as described in IEC 60825-1.

**2 Object (1.2)**

The checklist is intended for use by manufacturers of laser products and their agents to establish that each new or modified design complies with the requirements of IEC 60825-1: 1993 and its amendments 1 and 2. The checklist is not a substitute for IEC 60825-1. It is necessary to use IEC 60825-1 in conjunction with the checklist, as relevant clauses and subclauses are referred to in the text.

The layout of the checklist is intended only as a guide. Manufacturers and examiners are encouraged to produce their own document, omitting questions and clauses that are not relevant to the types of product under examination, but noting in the appropriate positions the numbers of such clauses stating, for example: "subclause 4.3.2: Question omitted – not applicable".

The manufacturer should ensure that the examiner is a person competent in the inspection and classification of laser products.

**3 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60825-1:1993, *Safety of laser products – Part 1: Equipment classification, requirements and user's guide*<sup>1</sup>  
Amendment 1 (1997)  
Amendment 2 (2001)

**4 Definitions**

The definitions of IEC 60825-1 apply.

Throughout this document, the abbreviation N.A, means "not applicable".

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<sup>1</sup> A consolidated edition of IEC 60825-1 exists consisting of edition 1 (1993) and its Amendments 1 (1997) and 2 (2001).