

AS/NZS 3200.2.33:1996
IEC 601-2-33:1995

Australian/New Zealand Standard®

**Approval and test specification—
Medical electrical equipment**

**Part 2.33: Particular requirements
for safety—Magnetic resonance
equipment for medical diagnosis**

[IEC title: Medical electrical equipment, Part 2: Particular requirements
for the safety of magnetic resonance equipment for medical diagnosis]

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The following interests are represented on Committee HT/23:

Australasian College of Physical Scientists and Engineers in Medicine
Australian Academy of Dento-Maxillo-Facial Radiologists
Australian Chamber of Commerce and Industry
Australian Dental Association
Australian Dental Industry Association
Australian Institute of Radiography
Australian and New Zealand Society of Nuclear Medicine
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PREFACE

This Joint Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee HT/23, on Medical Diagnostic Imaging Equipment.

This Standard is identical with and has been reproduced from IEC 601-2-33:1995, which modifies and supplements the corresponding Clauses of IEC 601-1:1988, *Safety of medical electrical equipment*, Part 1.0: *General requirements for safety* which has been adopted as AS 3200.1.0 (NZS 6150), hereinafter referred to as the General Standard.

This Particular Standard is one of a series of Approval and Test Specifications issued by Standards Australia and Standards New Zealand for various categories of medical equipment. It is supplementary to AS 3200.1.0 (NZS 6150):1990, *Approval and test specification—Medical electrical equipment*, Part 1.0: *General requirements for safety—Parent Standard*. The requirements of a Particular Standard take priority, where appropriate, over those of the General Standard.

In the text of this Standard, the following print types are used:

- (a) Requirements, compliance with which can be tested, and definitions in large roman type
- (b) Explanations, advice, introductions, general statements, exceptions and references in smaller roman type
- (c) Headings of sub-clauses and text specifications *in italic*
- (d) Terms used throughout the Standard, which have been defined in Clause 2 and which are also in the index IN SMALL CAPITALS

An asterisk* is placed before each Clause for which rationale is included in Annex BB.

Under arrangements made between Standards Australia, Standards New Zealand and the IEC, as well as certain other Standards organizations, users of this Standard are advised that the number of this Standard is not reproduced on each page; its identity is shown only on the cover and title page.

For the purpose of this Standard, the IEC text should be modified as follows:

- (i) *Terminology* The words ‘this Australian/New Zealand Standard’ should replace the words ‘this International Standard’ wherever they appear.
- (ii) *Decimal marker* Substitute a full point for a comma where it appears as a decimal marker.

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

*Reference to International Standard
or other publication*

Australian/New Zealand Standard

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