

Australian/New Zealand Standard™

Marking of electrical and electronic products to indicate compliance with regulations

Part 3: Specific requirements for electromagnetic compatibility regulatory applications



AS/NZS 4417.3:2009

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee QR-012, Conformance Marking to Regulatory Requirements. It was approved on behalf of the Council of Standards Australia on 14 October 2009 and on behalf of the Council of Standards New Zealand on 27 November 2009. This Standard was published on 11 December 2009.

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This Standard was issued in draft form for comment as DR 09917.

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Originated in Australia and New Zealand as AS/NZS 4417.3:1996.
Second edition AS/NZS 4417.2:2009.

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CONTENTS

PREFACE	3
1 SCOPE	4
2 REFERENCED DOCUMENTS.....	4
3 DEFINITIONS.....	4
4 CONDITIONS FOR USE OF THE RCM FOR ELECTROMAGNETIC COMPATIBILITY	5
4.1 General.....	5
4.2 Basis of claim of compliance	5
Appendix A (informative) List of EMC Regulators.....	8
Appendix B (informative) Advice of intention to use the RCM	9

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee QR-012, Conformance Marking to Regulatory Requirements, to supersede AS/NZS 4417.3:1996 on publication.

The objective of this Standard is to provide the basis for a uniform Australian/New Zealand regulatory compliance marking scheme primarily for electrical and electronic products (which may be extended to other classes of products in future).

This part of the Standard deals with electromagnetic compatibility regulatory requirements in Australia and New Zealand.

AS/NZS 4417 is published in separate parts as follows:

Part 1: General rules for use of the mark

Part 2: Specific requirements for electrical safety regulatory applications

Part 3: Specific requirements for electromagnetic compatibility regulatory applications

Part 4: Specific requirements for radio apparatus regulatory applications

This revision updates aspects of the standard to make it more compatible with the current EMC regulatory requirements in Australia and New Zealand. It also includes consequential editorial changes.

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

Words in **bold** in the text are defined in clause 3.

AUSTRALIA/NEW ZEALAND STANDARD

Marking of electrical and electronic products to indicate compliance with regulations

Part 3: Specific requirements for electromagnetic compatibility regulatory applications

1 SCOPE

This Standard specifies the requirements that apply to the use of the Regulatory Compliance Mark (RCM) on products to indicate compliance with electromagnetic compatibility regulations in Australia and New Zealand. It is intended to be read in conjunction with AS/NZS 4417.1, which specifies the RCM and sets out general rules for its use.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

4417 Marking of electrical and electronic products to indicate compliance with regulations

4417.1 Part 1: General rules for use of the mark

4417.2 Part 2: Specific requirements for electrical safety regulatory applications

Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008 (Australia)

Radiocommunications (Compliance) Notice 2004 as amended (New Zealand)

3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 4417.1 and those below apply.

3.1

C-Tick mark

compliance mark owned by the Ministry of Economic Development in New Zealand and the Australian Communications and Media Authority in Australia

3.2

electromagnetic compatibility (EMC)

ability of an equipment or system to function satisfactorily in its electromagnetic environment without introducing intolerable electromagnetic disturbances to anything in that environment