

Interim  
Australian/New Zealand Standard™

**Power consumption of audio, video and  
related equipment**

**Part 2.2: Minimum energy performance  
standards (MEPS) and energy rating  
label requirements for television sets**



## **AS/NZS 62087.2.2(Int):2009**

This Joint Australian/New Zealand Interim Standard was prepared by Joint Technical Committee TE-001, Safety of Electronic Equipment. It was approved on behalf of the Council of Standards Australia on 18 March 2009 and on behalf of the Council of Standards New Zealand on 3 April 2009.  
This Interim Standard was published on 27 April 2009.

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The following are represented on Committee TE-001:

Australian Chamber of Commerce and Industry  
Australian Communications and Media Authority  
Australian Industry Group  
Australian Information Industry Association  
Australian Subscription Television and Radio Association  
CHOICE  
Certification Interests, New Zealand  
Consumer Electronics Association of New Zealand  
Consumer Electronics Suppliers Association  
Department of Defence, Australia  
Department of the Environment, Water, Heritage and the Arts  
Electrical Compliance Testing Association  
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First published as AS/NZS 62087.2.2(Int):2009.  
Reissued incorporating Amendment No. 1 (October 2009).

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

## PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Technical Committee TE-001-09, Safety of Electronic Equipment.

*This Standard incorporates Amendment No. 1 (October 2009). 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.*

The objective of this Interim Standard is to provide designers, manufacturers, importers, test laboratories, regulators and users of mains-operated television sets with minimum energy performance standards (MEPS) and energy rating label requirements for these devices.

In Australia, the labelling and MEPS requirements set out in this Interim Standard are intended to be in force no earlier than 1 October 2009. Television sets that do not comply with the requirements of this Interim Standard will be deemed non-compliant and may not be permitted to be sold in Australia beyond the effective date. Information can be found at <http://www.energyrating.gov.au> website.

MEPS are implemented in two tiers. Tier 1 MEPS will apply to all television sets imported into Australia on or after 1 October 2009.

Tier 2 MEPS will apply to all television sets imported into Australia on or after 1 October 2012.

This Interim Standard was prepared in response to the publication in 2008 of a plan for the regulation of television sets formulated by the Equipment Energy Efficiency Committee. It is published with the approval of Australian and New Zealand regulatory authorities and is structured to be suitable for reference in regulations. It refers to AS/NZS 62087.1(Int):2009 for test procedures.

This series, when complete, will consist of the following parts:

### AS/NZS

62087	Power consumption of audio, video and related equipment
62087.1(Int)	Part 1: Methods of measurement
62087.2.1	Part 2.1: Minimum energy performance standards (MEPS) requirements for digital television set top boxes
62087.2.2(Int)	Part 2.2: Minimum energy performance standards (MEPS) and energy rating label requirements for television sets (this Standard)

Standards Australia/Standards New Zealand invite comments on this Interim Standard from persons and organizations concerned with this subject. The closing date for comment on this Interim Standard is four months after publication. After the closing date for comment, the committee will review this Interim Standard in the light of public comment received with the intention of publishing a Joint Australian/New Zealand Standard shortly after the closing date. Although the expiry date of this Interim Standard is 2 years after publication, it will be withdrawn on publication of the Joint Australian/New Zealand Standard. Please forward all comments to the Projects Manager of Committee TE-001.

Attention is drawn to the fact that this document is an Interim Joint Australian/New Zealand Standard only and should be regarded as a developmental Standard and liable to future alteration.

The terms 'normative' and 'informative' are used in this Interim 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.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Interim Standard. 'Shall' indicates that a requirement is mandatory, while 'should' indicates a recommendation.

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S E C T I O N 1 S C O P E A N D G E N E R A L

**1.1 SCOPE**

This Interim Standard specifies minimum energy performance standards (MEPS) and energy rating label requirements for television sets as defined in AS/NZS 62087.1(Int).

**1.2 EXCLUSIONS**

This Interim Standard does not apply to the following:

- (a) Television sets powered from batteries.
- (b) Television sets and display devices that do not have a television tuner.
- (c) Front or rear projection display devices.

This Interim Standard does not specify electrical safety requirements.

**1.3 APPLICATION**

This Interim Standard shall be read in conjunction with AS/NZS 62087.1(Int):2009.

**1.4 NORMATIVE REFERENCES**

The following normative documents contain provisions that, through reference in this text, constitute provisions of this Interim Standard:

AS	
2706	Numerical values—Rounding and interpretation of limiting values
AS/NZS	
62087	Power consumption of audio, video and related equipment
62087.1(Int)	Part 1: Methods of measurement
IEC	
60050-300	International Electrotechnical Vocabulary—Electrical and electronic measurements and measuring instruments
IEEE	
100	The Authoritative Dictionary of IEEE Standards Terms

**1.5 DEFINITIONS**

For the purpose of this Interim Standard, the definitions given in AS/NZS 62087.1(Int), IEC 60050-300 and IEEE 100, and those below, apply.