

COMMITTEE: EL-002
Safety of Household and Similar Electrical
Appliances and Small Power Transformers

ATTENTION: Bev Harniss

DR 21011 CP

DRAFT

COMBINED POSTAL BALLOT/ AUSTRALIAN / NEW ZEALAND STANDARD FOR COMMENT

LIABLE TO ALTERATION DO NOT USE AS A STANDARD

DATE OF ISSUE: 28 May 2021
CLOSING DATE FOR COMMENT: 23 July 2021

DR 21011 CP

Amendment No.1 to AS/NZS 60335.1:2020

Household and similar electrical appliances – Safety –
Part 1: General requirements



COMBINED DRAFT FOR COMMENT/POSTAL BALLOT STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers

DRAFT
Australian/New Zealand Standard

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –**

Part 1: General requirements

Please note that this document is currently being voted by the committee and the results of the postal ballot will be contingent on public comment received.

Comment on the proposal is invited from persons and organizations concerned with this subject. Comments can be submitted electronically via the Standards New Zealand website <https://www.standards.govt.nz/develop-standards/commenting-on-draft-standards/joint-draft-standards/>

Alternatively, please contact bev.harniss@mbie.govt.nz for a comment form in Word format.

Attention is drawn to the fact that this document is a draft only and is liable to alteration in the light of comment received. It is not to be regarded as an Australian/New Zealand Standard until finally issued as such by Standards Australia and Standards New Zealand.

NOTES OF THE SECRETARY:

THE INTRODUCTION OF ANY NATIONAL VARIATIONS TO BE INCLUDED IN THIS STANDARD WILL OCCUR AFTER THE PUBLIC COMMENT HAS BEEN CONSIDERED AND PRIOR TO THE PUBLICATION OF THE STANDARD.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Amendment No. 1
to
AS/NZS 60335.1:2020
Household and similar electrical appliances – Safety –
Part 1: General requirements**

REVISED TEXT

The 2020 edition of AS/NZS 60335.1 is amended as follows;

SUMMARY: This amendment applies to Foreword and Australian national variations

Published on xxxxx 2021

Approved for publication in Australia on behalf of the Council of Standards Australia on

The national variations in this amendment take effect on xxxxx 2023. During this period the Standard AS/NZS 60335.1:2020 without this amendment will also remain current.

Regulatory authorities that reference this Standard in regulation may apply these requirements at a different time. Users of this Standard should consult with these authorities to confirm their requirements.

FOREWORD

Add the following as a new fifth paragraph:

This standard incorporates Amendment No.1 (xxxxxx 2021). The changes introduced by amendments are indicated in the text by a marginal bar and amendment number against the part affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected. Unless otherwise indicated, the application date of the changes introduced by Amendment No. 1 is xxxxxx 2023.

AUSTRALIAN NATIONAL VARIATIONS

AZ.5.201 *Replace the text by the following variation:*

*For appliances, other than **class III appliances**, that are intended for connection to the supply mains and that are not marked with*

- a **rated voltage** that includes 240 V for single-phase appliances and 415 V for three-phase appliances, or*
- a **rated voltage range** that includes 240 V for single-phase appliances and 415 V for three-phase appliances,*

*the **rated voltage** is equal to 240 V (or the marked voltage if greater than 240 V) for single-phase appliances and 415 V (or the marked voltage if greater than 415 V) for three-phase appliances, and the upper limit of the **rated voltage range** is equal to 240 V (or upper value of the **rated voltage range** if higher than 240 V) for single-phase appliances and 415 V (or upper value of the **rated voltage range** if higher than 415 V) for three-phase appliances. In addition, the **rated current** or **rated power input** is equal to the calculated value corresponding to 240 V for single-phase appliances and 415 V for three-phase appliances as appropriate.*

For appliances, other than **class III appliances**, that are intended for connection to the supply mains and that are not marked with

- a **rated voltage** that includes 230 V for single-phase appliances and 400 V for three-phase appliances, or
- a **rated voltage range** that includes 230 V for single-phase appliances and 400 V for three-phase appliances,

the **rated voltage** is equal to 230 V (or the marked voltage if lower than 230 V) for single-phase appliances and 400 V (or the marked voltage if lower than 400 V) for three-phase appliances, and the lower limit of the **rated voltage range** is equal to 230 V (or lower value of the **rated voltage range** if lower than 230 V) for single-phase appliances and 400 V (or lower value of the **rated voltage range** if lower than 400 V) for three-phase appliances. In addition, the **rated current** or **rated power input** is equal to the calculated value corresponding to 230 V for single-phase appliances and 400 V for three-phase appliances as appropriate.

NOTE 1 Example of calculation

If the appliance is marked with a **rated voltage** of 230 V and a **rated current** "A" or a **rated power input** "P", it will be tested as if it is marked with a **rated voltage** of 240 V and a **rated current** of $A \times (240/230)$ or a **rated power input** of $P \times (240/230)^2$.

NOTE 2 Both the rated voltage of 240V (or upper value of voltage range if higher) requirement and the rated voltage of 230V (or lower value of the voltage range if lower) requirement are applied. See also clause 5.8.2 requirement for tested on the basis of the most unfavorable voltage

7.1 In the first dashed item of the variation delete "at least"