

AS/NZS 60695.2.11:2001

Australian/New Zealand Standard™

Fire hazard testing -

Part 2.11: Glowing/hot wire based test
methods – Glow-wire flammability test
method for end-products
(IEC 60695-2-11:2000, MOD)

This Joint Australian/New Zealand Standard was prepared by Joint Technical EL/2 - Safety of household and similar electrical appliances and small power transformers. It was approved on behalf of the Council of Standards Australia on 21 May 2001 and on behalf of the Council of Standards New Zealand on 12 May 2001. It was published on 11 June 2001.

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PREFACE

This standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers, to supersede the general glow-wire test methods contained in AS/NZS 695.2.11, 2 years from publication.

The objective of this Standard is to provide general requirements for a glow-wire test that allows manufacturers, designers, testing laboratories and similar organizations, to assess the fire hazard of electrotechnical products using a glowing wire ignition source.

This Standard forms the first edition of AS/NZS 60695.2.11, *Fire hazard testing - Part 2.11: Glowing/hot wire based test methods - Glow-wire flammability test method for end-products*.

This Standard is identical to and is reproduced from IEC 60695-2-11:2000, *Fire hazard testing - Part 2-11: Glowing/hot wire based test methods - Glow-wire flammability test method for end-products*, including its Corrigendum 1 (2001-01).

This Standard is to be used in conjunction with AS/NZS 60695.2.10

Annex A and Annex ZZ are for information only.

Clause 2 has been reformatted to indicate the Australia/New Zealand standard that is equivalent to the IEC standard or ISO standard to which normative reference is made.

As this Standard is reproduced from an International Standard, the following applies:

- a) Its number does not appear on each page of text and its identity is shown on the cover and title page only.
- b) In the source text "IEC 60695" should read "AS/NZS 60695".
- c) A full point substitutes for a comma when referring to a decimal marker.

Variations to IEC 60695-2-11:2000 are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC tables, figures and passages of text which, for the purposes of this Australian/New Zealand standard are deleted. Where Australian/New Zealand tables, figures or passages of text are added, each is set in its proper place and identified by shading (**example**). Added figures are not themselves shaded, but are identified by a shaded border. The variations are also listed in Annex ZZ for easy reference.

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AUSTRALIAN/NEW ZEALAND STANDARD

FIRE HAZARD TESTING –

Part 2.11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products

1 Scope

This part of IEC 60695 specifies the details of the glow-wire test to be applied to end-products for fire hazard testing.

For the purpose of this standard, end-product means electrotechnical equipment, its subassemblies, and components.

One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60695. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of IEC 60695 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

<u>IEC standard</u>	<u>Year</u>	<u>Title</u>	<u>AU/NZ standard</u>	<u>Year</u>
IEC 60695-2-2	1991	<i>Fire hazard testing – Part 2: Test methods – Section 2: Needle-flame test</i>	AS/NZS 4695.2.2	1996
IEC 60695-2-10	2000	<i>Fire hazard testing – Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure</i>	AS/NZS 60695.2.10	2001
ISO/IEC 13943	2000	<i>Fire safety – Vocabulary</i>		