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AS/NZS 62115:2011
IEC 62115 Ed 1.2
(IEC TEXT)

AS/NZS 62115:2011

Australian/New Zealand Standard™

Electric Toys—Safety

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers. It was approved on behalf of the Council of Standards Australia on 15 September 2011 and on behalf of the Council of Standards New Zealand on 23 September 2011.
This Standard was published on 28 October 2011.

The following are represented on Committee EL-002:

Australian Industry Group
Australian Retailers Association
Business New Zealand
Consumer Electronic Suppliers Association, Australia
Consumers' Federation of Australia
Electrical Regulatory Authorities, Australia
Electrical Compliance Testing Association
Electrical consultants
Engineers Australia
Association of Certification Bodies
Ministry of Economic Development, New Zealand
New Zealand Electric Fence Energizer Manufacturers' Standards Group

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This Standard was issued in draft form for comment as DR 11907.

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(IEC TEXT)

Australian/New Zealand Standard™

Electric Toys—Safety

Originated as AS/NZS 62115:2008.
Jointly revised and redesignated as AS/NZS 62115:2011.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

AS/NZS 62115:2011

ELECTRIC TOYS – SAFETY

Foreword

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 AS/NZS 62115:2008 two years from the date of publication. During this period it is anticipated that regulatory authorities will approve electric toys to either standard.

The objective of this Standard is to provide manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with safety requirements designed to give the user protection against hazards that might occur during normal operation and abnormal operation of the appliance and which may be used as the basis for approval for sale or for connection to the electricity supply mains in Australia and New Zealand

The text of IEC 62115 Ed 1.2, prepared by IEC Technical Committee 61, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption of the IEC standard as a Standards Australia/Standards New Zealand joint standard.

This Standard is an adoption with national modifications of the first edition of IEC 62115, *Electric toys – Safety* including its Amendment 1 (2004) and Amendment 2 (2010). It has been varied as indicated to take account of Australian and New Zealand conditions.

NOTE 1 The following numbering system is used:

– subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;

– unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;

– additional annexes are lettered AA, BB, etc.;

– subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letters AZ.

NOTE 2 The following print types are used:

– requirements: in roman type;

– *test specifications: in italic type*;

– notes: in small roman type.

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

p NOTE 3 In this document, p is used in the margin to indicate instructions for preparing a consolidated version.

The essential safety requirements in AS/NZS 3820[1] that could be applicable to requirements for electric toys are covered by this standard.

There are no national variations from the IEC Standard from which this standard is adopted.

[1] AS/NZS 3820 *Essential safety requirements for electrical equipment*

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The text of the International Standard IEC 62115 Ed 1.2, was approved as a joint Australia/New Zealand Standard with the agreed national variations as given below.

AUSTRALIAN NATIONAL VARIATIONS

There are no national variations to this standard.

NEW ZEALAND NATIONAL VARIATIONS

There are no national variations to this standard.

Annex ANZ
(normative)
Normative references to international publications with their corresponding joint Australia/New Zealand publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by national variations the relevant joint Australia/New Zealand publications applies if the national variations are needed to ensure the safety of the appliance for Australia/New Zealand conditions. These international publications are indicated by (mod). If an international publication is not so indicated, then either it or the listed Australia/New Zealand publication may be used.

Publication	Year	Title	AS/NZS	Year
IEC 60068-2-75		*Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests*		
IEC 60083		*Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC*		
IEC 60086-2		*Primary batteries – Part 2: Physical and electrical specifications*		
IEC 60335-1:	2010	*Household and similar electrical appliances – Safety; Part 1- General Requirements*	AS/NZS 60335.1	2011
IEC 60335-2-29: Amendment 1 Amendment 2	2002 (2004) (2009)[2]	*Household and similar electrical appliances – Safety; Part 2-29: Particular requirements for battery chargers*	AS/NZS 60335.2.29 Amendment 1 Amendment 2	2004 (2004) (2010)
IEC 60384-14		*Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains*		

[2] There exists a consolidated edition 4.2 (2010) that includes edition 4 and its amendments 1 and 2.

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