



**CSA C22.2 No. 62115:20
Electric toys — Safety
(IEC 62115:2017, MOD)**

**CSA C22.2 n° 62115:20
Jouets électriques — Sécurité
(IEC 62115:2017, MOD)**

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CSA C22.2 No. 62115:20
September 2020

Title: *Electric toys — Safety*

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Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users to judge its suitability for their particular purpose.

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CSA C22.2 No. 62115:20 **Electric toys — Safety** (IEC 62115:2017, MOD)

Prepared by
International Electrotechnical Commission



Reviewed by



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Published in September 2020 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3

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ICS 13.120; 97.200.50
ISBN 978-1-4883-2992-0

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Electric toys — Safety

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CSA Preface

This is the first edition of CSA C22.2 No. 62115, *Electric toys — Safety*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 62115 (second edition, 2017-04). It replaces the requirements for electric toys found in CSA C22.2 No. 149-72, *Electrically operated toys*. It is one in a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

For brevity, this Standard will be referred to as “CSA C22.2 No. 62115” throughout.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was reviewed for Canadian adoption by the CSA Technical Committee on Consumer and Commercial Products, under the jurisdiction of the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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- a) *Standard designation (number);*
- b) *relevant clause, table, and/or figure number;*
- c) *wording of the proposed change; and*
- d) *rationale for the change.*

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Electric toys – Safety

Jouets électriques – Sécurité

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ELECTRIC TOYS – SAFETY

1 Scope

This International Standard specifies safety requirements for **electric toys** that have at least one function dependant on electricity, **electric toys** being any product designed or intended, whether or not exclusively, for use in play by children under 14 years of age.

NOTE 1 Examples of **electric toys** also within the scope of this standard are

- **constructional sets**;
- **experimental sets**;
- functional **electric toys** (an **electric toy** that performs and is used in the same way as a product, appliance or installation intended for use by adults, and which may be a scale model of such product, appliance or installation);
- **electric toy** computers;
- a doll's house having an interior lamp.

Additional requirements for **experimental sets** are given in Annex A.

Additional requirements for **electric toys** incorporating optical radiation sources are given in Annex E.

Measurement methods for **electric toys** generating electromagnetic fields (EMF) are given in Annex I.

Additional requirements for the safety of **remote controls** for **electric ride-on toys** are given in Annex J.

If the packaging is intended to have play value then it is considered to be part of the **electric toy**.

This International Standard only covers the safety aspects of **electric toys** that relate to an electrical function.

NOTE 2 The ISO 8124 series of standards address other aspects of the safety of **electric toys**. Other horizontal product standards may also apply to **electric toys**.

This standard covers the safety of **electric toys** taking power from any source, such as batteries, transformers, solar cells and inductive connections.

NOTE 3 **Transformers for toys** (IEC 61558-2-7 for linear types or IEC 61558-2-7 and IEC 61558-2-16 for switch mode types), **battery chargers** (IEC 60335-2-29) and **battery chargers** for use by children (IEC 60335-2-29 Annex AA:) are not considered to be part of an **electric toy** even if supplied with an **electric toy**.

NOTE 4 This standard is not intended to assess the safety of batteries however it does address the safety of the **electric toy** with the batteries inserted.

This International Standard does not apply to the following products:

- automatic playing machines, whether coin operated or not, intended for public use (IEC 60335-2-82);
- **toy** vehicles equipped with combustion engines;
- **toy** steam engines;
- slings and catapults;
- electric decorative robots;