

EN IEC 62115:2020

(Updated Version of “Electric Toys – Safety”) Published

This newly published European Harmonized Standard for "Electric toys – Safety" (EN IEC 62115:2020) is a significant replacement of the previous version: EN 62115:2005 + A12:2015 -- taking into account of the latest technological developments, e.g. safety requirements for light emitting toys (especially LEDs), and remote-controlled ride on toys.

Developed by CLC/TC 61 “Safety of household and similar electrical appliances”, this new standard EN IEC 62115:2020 and its amendment A11:2020 continue to support EU Toy Safety Directive (2009/48/EC), and will be used for presumption for compliance of the essential requirements of the Directive after their citation in the Official Journal of the European Union (OJEU).

Changes:

This edition includes the following significant technical changes with respect to the previous edition:

- the general conditions for tests have been rewritten and modified (Clause 5);
- the criteria for reduced testing have been modified (Clause 6);
- warnings for toys using button batteries or coin batteries have been added (7.3.3.2, 7.3.3.3);
- warnings on ride-on toys have been added (7.5);
- the requirements concerning accessibility of batteries have been updated (13.4.1 and 13.4.2);
- added requirements to cover toys placed above a child (13.4.4);
- added requirements to cover toys connected to other equipment (13.9);
- modified the requirements for safety of toys incorporating optical radiation sources (Annex E), to include requirements for using the technical LED data sheet for checking compliance with the specified accessible emission limits (AEL);
- updated the details for measurements of the optical radiation from the toy (Annex E);
- introduced an informative Annex I concerning measurement methods for toys with an integrated field source generating EMF;
- included a normative Annex J concerning safety of remote-controls for electric ride-on toys.

Effective Date:

The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests. It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of its publication.

References:

https://www.cenelec.eu/news/brief_news/pages/tn-2020-007.aspx

https://www.cenelec.eu/dyn/www/f?p=104:110:681153922650101:::FSP_ORG_ID,FSP_PROJECT,FSP_LANG_ID:1257159,66748,25

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