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BSI Standards Publication

Pyrotechnic articles. Fireworks, Categories F1, F2 and F3

Part 3: Minimum labelling requirements

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National foreword

This British Standard is the UK implementation of EN 15947-3:2022. It supersedes BS EN 15947-3:2015, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CII/47, Pyrotechnic articles.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2022

ISBN 978 0 539 00481 6

ICS 71.100.30

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2022.

Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

October 2022

ICS 71.100.30

Supersedes EN 15947-3:2015

English Version

Pyrotechnic articles - Fireworks, Categories F1, F2 and F3 - Part 3: Minimum labelling requirements

Articles pyrotechniques - Artifices de divertissement,
Catégories F1, F2 et F3 - Partie 3 : Étiquetage minimal

Pyrotechnische Gegenstände - Feuerwerkskörper,
Kategorien F1, F2 und F3 - Teil 3:
Mindestanforderungen an die Kennzeichnung

This European Standard was approved by CEN on 8 August 2022.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 15947-3:2022) has been prepared by Technical Committee CEN/TC 212 "Pyrotechnic articles", the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by December 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 15947-3:2015.

In comparison with the previous edition EN 15947-3:2015, the following technical modifications have been made:

- The following new elements shall be included in the label:
 - On selection packs, the highest age limit for the content inside the packs (4.1.1).
 - On selection packs, the total net explosive content of the items inside the packs (4.1.1).
 - For battery and combination, the sub-elements now are listed (4.1.2).
 - The compound firework is labelled in addition to the primary pack (4.1.3).
- Requirement on labelling of very small items has been revised (4.7). The content of the label is dependent on the size of the items.
- Table 1 has been moved to Table A.1.
- The following modifications have been made to "Safety information" in Table A.1:
 - Safety information for firework types "report rocket", "Bengal flame (hand-held)" and "senko-hanabi" have been added.
 - Safety information "Do not inhale smoke" has been deleted for all firework types.
 - Safety information for "banger" and "flash banger" has been revised.
 - Safety information for "banger" and "flash banger" with preliminary effect(s) has been revised.
 - Safety information "ENSURE THAT NO PART OF THE BODY IS POSITIONED ABOVE THE FIREWORK OR IN THE EFFECT DIRECTION (if possible)" is now applicable to: battery, battery requiring external support, combination, combination requiring external support, compound firework, mine, Roman candle and shot tube.
 - Minimum safety distances are changed in the "Safety information" so that they are consistent with the Directive 2013/29/EU.
 - Instructions for use have been updated for compound firework with respect to compound firework with more than two fuses.

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This document has been prepared under a Standardization Request (M/583) concerning pyrotechnic articles given to CEN by the European Commission and the European Free Trade Association, and supports Essential Safety requirements of Directive 2013/29/EU.

For relationship with Directive 2013/29/EU, see informative Annex ZA, which is an integral part of this document.

This document is one of the series of standards as listed below:

- EN 15947-1, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 1: Terminology*
- EN 15947-2, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 2: Categories and types of firework*
- EN 15947-3, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 3: Minimum labelling requirements*
- EN 15947-4, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 4: Test methods*
- EN 15947-5, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 5: Requirements for construction and performance*

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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1 Scope

This document specifies minimum labelling requirements for fireworks and primary and selection packs of fireworks. It is applicable to fireworks of the categories F1, F2 and F3 as defined by Article 6 Paragraph (1) clause (a) subclause (i) to (iii) of Directive 2013/29/EU.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 15947-1:2022, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 1: Terminology*

EN 15947-2:2022, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 2: Categories and types of firework*

EN 15947-4:2022, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 4: Test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15947-1:2022 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at <https://www.electropedia.org/>

— ISO Online browsing platform: available at <https://www.iso.org/obp/ui>

4 Minimum labelling requirements

4.1 General and specific labelling requirements

4.1.1 General labelling requirements

If more than one language is used for labelling, for each language, the specified information in Article 10 of the Directive 2013/29/EU and in this document shall be presented as a whole and shall not be interrupted by other text. Additional text shall not conflict with the specified information.

For battery, battery requiring external support, combination, combination requiring external support and compound firework the label shall not be fixed on the top of the effect tubes or the bottom of the firework. This does not apply to a primary pack.

Conformity to these requirements specified in 4.1 to 4.8 shall be verified by visual examination.

NOTE Directive 2013/29/EU requires fireworks shall be labelled with the information given in Article 10 of that Directive. Directive 2014/58/EU requires fireworks shall also be labelled with the registration number prescribed in Article 1 of that Directive.

4.1.1.1 Fireworks

Fireworks shall be labelled in accordance with 4.2 to 4.8 and, if applicable, with the additional information specified in 4.1.2 and 4.1.3.