



Institut luxembourgeois de la normalisation
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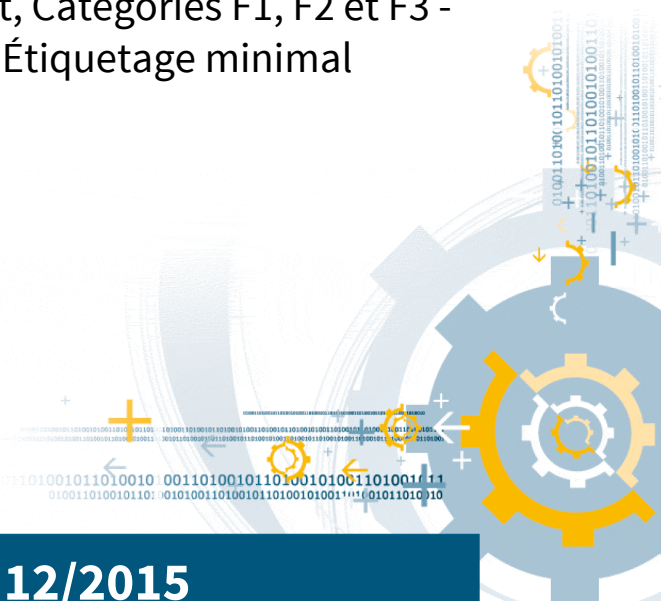
ILNAS-EN 15947-3:2015

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

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

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

12/2015



National Foreword

This European Standard EN 15947-3:2015 was adopted as Luxembourgish Standard ILNAS-EN 15947-3:2015.

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ILNAS-EN 15947-3:2015

EUROPEAN STANDARD **EN 15947-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2015

ICS 71.100.30

Supersedes EN 15947-3:2010

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 26 September 2015.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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European foreword

This document (EN 15947-3:2015) 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 June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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

This document supersedes EN 15947-3:2010.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This European Standard 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*.

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

1 Scope

This European Standard specifies minimum labelling requirements for the article and primary or selection packaging of fireworks. It is applicable to fireworks in categories F1, F2 and F3 according to EN 15947-2:2015.

2 Normative references

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

EN 15947-1:2015, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 1: Terminology*

EN 15947-2:2015, *Pyrotechnic articles — Fireworks, Categories F1, F2 and F3 — Part 2: Categories and types of firework*

EN 15947-4:2015, *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 15947-1:2015 apply.

4 Minimum labelling requirements

4.1 General and specific labelling requirements

4.1.1 General labelling requirements

Fireworks shall be marked in accordance with 4.9 and 4.10, with the information specified in 4.1.2 and 4.1.3 (if applicable) and 4.2 to 4.8.

Primary packs, if any, shall be marked with the information specified in 4.2 to 4.8 and 4.10.

For the following fireworks, where the use of a primary pack is mandatory, the marking shall be applied solely to the primary pack:

- Bengal matches;
- Bengal sticks;
- Christmas crackers;
- compound fireworks;
- crackling granules;
- flash pellets;
- hand-held sparklers;
- jumping crackers;

- non-hand-held sparklers;
- novelty matches;
- serpents;
- snaps;
- throwdowns.

The specified information shall be given in the official language(s) of the country in which the fireworks or primary packs are offered for retail sale. For each language, it shall be presented as a whole and shall not be interrupted by other text. Additional text given in another language shall not conflict with the specified information.

Conformity to these requirements specified in 4.1 to 4.10 shall be verified by visual examination.

4.1.2 Specific labelling requirement for batteries, batteries requiring external support, combinations and combinations requiring external support

For batteries, batteries requiring external support, combinations and combinations requiring external support equipped with two initial fuses the reserve fuse shall be clearly marked with the words "RESERVE FUSE".

4.1.3 Specific labelling requirements for compound fireworks

The compound fireworks shall be labelled on the primary pack according to the requirements of 4.2 to 4.10. The label of the primary pack shall identify all included articles used in the compound fireworks according to 4.2. For compound fireworks with two initial fuses the reserve fuse shall be clearly marked with the words "RESERVE FUSE".

Fireworks which are assembled in compound fireworks shall not be labelled with the information according to 4.3 and the safety information according to 4.6.

4.2 Type of firework, category, CE marking and registration number

The type of firework shall be marked, in upper case, in conformity with EN 15947-2:2015. If a trade name is used in addition to the type name, it shall not conflict with the principal effects of the relevant type of firework or with the name of another type of firework. For Roman candles the number of shots shall be marked, e.g. "8 SHOT ROMAN CANDLE".

The category shall be marked, in upper case, as "CATEGORY F2" or "CAT F2", for example.

The registration number for tracing of products shall be marked in accordance with the example below:

XXXX – YY – ZZZZ...

where XXXX refers to the registration number of the notified body issuing the certificate, YY refers to the category of firework in abbreviated format (F1, F2, or F3 for category F1, F2, or F3 respectively), and where ZZZZ is a processing number used by the notified body.

According to Regulation (EC) No 765/2008 the CE marking shall be applied to the label. The minimum height of the CE marking shall be 5 mm.

According to Directive 2013/29/EU Art. 8(2) and 20(3) CE-marking is followed by the identification number of the Notified Body responsible for:

- monitoring the existing quality system (in case of Modules D and E); and/or

- checking conformity to type according to Module C2 (where the notified body intervened during the manufacturing phase).

Selection packs containing one or more categories shall be marked with the highest category in the pack, e.g. “CAT F3”.

NOTE Directive 2013/29/EU Art. 10 requires further labelling of pyrotechnic articles other than pyrotechnic articles for vehicles.

4.3 Minimum age limits

The minimum age limits applicable in the country in which the fireworks are offered for retail sale shall be clearly stated on the label. The following minimum age limits apply, if the individual Member State has not raised these age limits according to Directive 2013/29/EU Art. Seven [2].

The following minimum age limits apply:

- Category F1: 12 years;
- Category F2: 16 years;
- Category F3: 18 years.

4.4 Net explosive content

The labelling shall include the net explosive content of the firework.

For fireworks, where the use of a primary pack is mandatory (see 4.1.1) and for fireworks not labelled completely with the information specified in 4.2 to 4.7 the total net explosive content of the items in the primary pack shall be given on the primary pack.

The abbreviation for the net explosive content (NEC) may be used for the labelling.

4.5 Year of production

For category F3 fireworks the year of production shall be clearly stated on the bottom right hand corner of the label, either by four or by two digits, e.g. “2015” or “15”.

4.6 Safety information

The labelling shall include at least the safety information specified in Table 1, in a logical sequence, for the relevant type of firework. If necessary, instructions in addition to those specified in Table 1 may be given. The appropriate placing instructions, selected from those specified in Table 1, shall replace

“< placing instructions >”

where indicated.

Safety information shall be emphasized by use of a heading, or bold type, or similar.