

**norm**

NEN-EN 15947-3

Pyrotechnische artikelen - Vuurwerk,  
Categorieën 1,2 en 3 - Deel 3: Minimale  
aanduidingseisen

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Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 3:  
Minimum labelling requirements

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Voorbeeld  
Preview

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English Version

## Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 3: Minimum labelling requirements

Articles pyrotechniques - Artifices de divertissement,  
 Catégories 1, 2, et 3 - Partie 3: Etiquetage minimal

Pyrotechnische Gegenstände - Feuerwerkskörper,  
 Kategorien 1, 2 und 3 - Teil 3: Mindestanforderungen an die  
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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 212.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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## Contents

Page

Foreword.....	3
1 Scope .....	4
2 Normative references .....	5
3 Terms and definitions .....	5
4 Minimum labelling requirements.....	5
4.1 General and specific labelling requirements .....	5
4.1.1 General labelling requirements .....	5
4.1.2 Specific labelling requirement for batteries, batteries requiring external support, combinations and combinations requiring external support .....	6
4.1.3 Specific labelling requirements for compound fireworks .....	6
4.2 Type of firework, category and registration number .....	6
4.3 Minimum age limits.....	7
4.4 Net explosive content.....	7
4.5 Year of production .....	7
4.6 Safety information .....	7
4.7 Details of manufacturer or importer .....	7
4.8 Printing .....	8
4.9 Marking of very small items.....	8
4.10 Additional information .....	8
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2007/23/EC on the placing on the market of pyrotechnic articles .....</b>	<b>27</b>
<b>Bibliography .....</b>	<b>28</b>

## Foreword

This document (prEN 15947-3:2014) has been prepared by Technical Committee CEN/TC 212 "Pyrotechnic articles", the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

This document will supersede 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, B, C or D, 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 1, 2 and 3 — Part 1: Terminology*
- EN 15947-2, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 2: Categories and types of firework*
- EN 15947-3, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 3: Minimum labelling requirements*
- EN 15947-4, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 4: Test methods*
- EN 15947-5, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 5: Requirements for construction and performance*

**prEN 15947-3:2014 (E)****1 Scope**

This European Standard specifies minimum labelling requirements for the article and primary or selection packaging of fireworks of the following types:

- aerial wheels;
- bangers;
- batteries;
- batteries requiring external support;
- Bengal flames;
- Bengal matches;
- Bengal sticks;
- Christmas crackers;
- combinations;
- combinations requiring external support;
- compound fireworks;
- crackling granules;
- double bangers;
- flash bangers;
- flash pellets;
- fountains;
- ground movers;
- ground spinners;
- hand-held sparklers;
- jumping crackers;
- jumping ground spinners;
- mines;
- mini rockets;
- non-hand-held sparklers;
- novelty matches;
- party poppers;

- rockets;
- Roman candles;
- serpents;
- shot tubes;
- snaps;
- spinners;
- table bombs;
- throwdowns;
- wheels.

## 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 15947-1:2010, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 1: Terminology*

EN 15947-2, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 2: Categories and types of firework*

EN 15947-4:2010, *Pyrotechnic articles — Fireworks, Categories 1, 2 and 3 — Part 4: Test methods*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15947-1:2010 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;

**prEN 15947-3:2014 (E)**

- 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 second 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 second 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 and registration number**

The type of firework shall be marked, in upper case, in conformity with EN 15947-2. 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 2" or "CAT 2", 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 1, 2, or 3 respectively), and where ZZZZ is a processing number used by the notified body.

Selection packs containing one or more categories shall be marked with the highest category in the pack, e.g. "CAT 3".

#### 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 2007/23/EC Art. 7 (2).

The following minimum age limits apply:

- Category 1: 12 years;
- Category 2: 16 years;
- Category 3: 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 3 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. "2010" or "10".

#### 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.

#### 4.7 Details of manufacturer or importer

Labelling shall include the name and the address of the manufacturer.

If the manufacturer is not established in the European Union the labelling shall include the name of the manufacturer and the name and address of the importer.

The address shall comprise at least the town and the country.

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