
Pirotehnični izdelki - Pirotehnični izdelki za gledališče - 4. del: Minimalne zahteve za označevanje in navodila za uporabo

Pyrotechnic articles - Theatrical pyrotechnic articles - Part 4: Minimum labelling requirements and Instructions for use

Pyrotechnische Gegenstände - Pyrotechnische Gegenstände für Bühne und Theater - Teil 4: Mindestanforderungen an die Kennzeichnung und Gebrauchsanweisung

Articles pyrotechniques - Articles pyrotechniques destinés au théâtre - Partie 4: Exigences d'étiquetage minimal et mode d'emploi

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Ta slovenski standard je istoveten z: EN 16256-4:2012

ICS:

71.100.30	Eksplozivi. Pirotehnika	Explosives. Pyrotechnics
97.200.10	Gledališka, odrska in studijska oprema ter delovne postaje	Theatre, stage and studio equipment

SIST EN 16256-4:2013**en,fr,de**

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EUROPEAN STANDARD

EN 16256-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2012

ICS 71.100.30

English Version

Pyrotechnic articles - Theatrical pyrotechnic articles - Part 4: Minimum labelling requirements and instructions for use

Articles pyrotechniques - Articles pyrotechniques destinés
au théâtre - Partie 4: Exigences d'étiquetage minimal et
mode d'emploi

Pyrotechnische Gegenstände - Pyrotechnische
Gegenstände für Bühne und Theater - Teil 4:
Mindestanforderungen an die Kennzeichnung und
Gebrauchsanweisung

This European Standard was approved by CEN on 3 November 2012.

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Foreword

This document (EN 16256-4:2012) 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of an identical text or by endorsement, at the latest by June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.

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 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 16256-1, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 1: Terminology*
- EN 16256-2, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 2: Categories of theatrical pyrotechnic articles*
- EN 16256-3, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 3: Requirements for construction and performance*
- EN 16256-4, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 4: Minimum labelling requirements and instructions for use*
- EN 16256-5, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 5: Test methods*

CEN/TC 212 has also developed European Standards for:

- Pyrotechnic articles — Fireworks Categories 1, 2 and 3
- Pyrotechnic articles — Fireworks, Category 4
- Pyrotechnic articles — Pyrotechnic articles for vehicles
- Pyrotechnic articles — Other pyrotechnic articles

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, 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.

EN 16256-4:2012 (E)**1 Scope**

This European Standard specifies minimum labelling requirements for the article and primary packaging and for the instructions for use of theatrical pyrotechnic articles of the generic types defined in EN 16256-1:2012, Clause 3.

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 16256-1:2012, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 1: Terminology*

EN 16256-3:2012, *Pyrotechnic articles – Theatrical pyrotechnic articles – Part 3: Requirements for construction and performance*

EN 16256-5:2012, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 5: Test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16256-1:2012 apply.

4 Minimum labelling requirements**4.1 General**

Theatrical pyrotechnic articles shall be marked with the minimum information specified in 4.2 to 4.10. This does not exclude the possibility of adding supplementary information on the label on a national basis.

The specified information shall be given in the official language(s) of the country in which the articles or primary packs are offered for 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.

4.2 Details of manufacturer or importer

Labelling shall include the name and address of the manufacturer. The address shall comprise at least the town and the country.

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.

4.3 Name and type of article

Labels are to be provided directly on the article (or on the smallest piece of packaging if the article does not provide sufficient space for the labelling requirements) and will include the following information:

- The word "*Pyrotechnic*" shall be marked on the label.
- The type of article shall be marked, in upper case, in conformity with the generic types of EN 16256-1:2012, Table 1, in singular form.

EXAMPLE "Pyrotechnic 10 second FOUNTAIN red/green"

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 article or with the name of another generic type of article.

4.4 Category and registration number

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

XXXX - YY - ZZZZ...

where **XXXX** refers to the registration number of the notified body issuing the EC-Type examination certificate, YY refers to the category of article in abbreviated format (T1 or T2, respectively) and where **ZZZZ...** is a processing number given by the notified body.

4.5 Net explosive content

The labelling shall include the net explosive content of the article. The abbreviation for the net explosive content (NEC) may be used.

4.6 Printing

Labelling shall be clearly visible, easily legible, indelible and on a contrasting background. Printing errors, which are not misleading, are not classified as faults. When measured in accordance with EN 16256-5:2012, 6.6, the type sizes shall be such that the height of the character 'X' (in upper case) is at least 2,1 mm.

The minimum height of the CE-marking shall be 5 mm.

4.7 Marking of very small items

If the article does not provide enough space to carry all the specified information, the manufacturer or importer shall provide at least the following information on the article (for example attached to the wire):

- CE-marking followed by the identification number of the notified body (see 4.9)
- registration number (see 4.4);
- the word "*Pyrotechnic*" and the generic type (see 4.3).

Additionally, all information required by this European Standard shall be provided on the smallest piece of packaging. Where the information printed on the primary pack might be affected by the opening of the pack, the manufacturer will ensure that the pack design prevents loss of information when the label is broken.

4.8 Minimum Age limits and Safety Distances

Minimum age limits and safety distance parameters are specified in Clause 5 for T1 products and Clause 6 for T2 products.

4.9 Identification number of the notified body

CE-marking shall be followed by the identification number of the Notified Body responsible for:

- monitoring the existing quality system in case of Modules D, E according to Directive 2007/23/EC and/or
- checking conformity to type according to Module C according to Directive 2007/23/EC.

EN 16256-4:2012 (E)**4.10 Instructions for use, safety and disposal information**

Safety information shall be emphasised by use of a heading, or bold type, or similar. If the article or smallest piece of packaging is not labelled with the required information then the article or smallest piece of packaging shall be labelled with the sentence "*User must read and follow the instructions enclosed given by the manufacturer*", emphasised by use of a heading, or bold type, or similar.'

The manufacturer shall provide "Instructions for use" with the article. These shall include the following information:

- operating instructions for safe functioning;
- misfire procedures;
- storage and handling procedures;
- disposal procedures.

5 Category T1 Articles

The minimum age limits applicable in the country in which the article is offered for retail sale shall be clearly stated on the label. The minimum age limit of 18 years applies, if the individual Member State has not raised or lowered these age limits according to Directive 2007/23/EC Art. 7 (2).

The minimum safety distance(s) shall be placed in a text box using the following phrases:

- 'Minimum safety distance in direction of the effect' and
 - 'Minimum radial safety distance' or
 - 'Minimum safety distance'.
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And where applicable according to Table 1 and Table 3 of EN 16256-3:2012, the phrase "*FOR OUTDOOR USE ONLY*" shall be stated in upper case on the label in the text box.

Additional information from Table A.1 may be stated and shall follow the same format as the mandatory information. This information shall be separate from the textbox containing the mandatory parameters.

6 Category T2 Articles

"*For use only by persons with specialist knowledge*" shall be stated on the label.

For every generic type the following information shall be indicated:

- effect distance (denoted by A);
- sound pressure level including the measuring distance (denoted by B);
- the hazardous debris distance (denoted by C);
- information on incandescent particles returning to the level from which the device was fired (denoted by D); and
- radial effect distance (denoted by T).

The above mentioned information is necessary for calculating the minimum safety distances and shall be given in a textbox on the label. If any of the information above is not applicable or has a value of "0", it can be

