



**SLOVENSKI STANDARD**  
**oSIST prEN 16263-5:2011**  
**01-junij-2011**

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**Pirotehnični izdelki - Drugi pirotehnični izdelki - 5. del: Minimalne zahteve za označevanje in navodila za uporabo**

Pyrotechnic articles - Other pyrotechnic articles - Part 5: Minimum labelling and end users documentation

Pyrotechnische Gegenstände - Sonstige pyrotechnische Gegenstände - Teil 5: Mindestanforderungen an die Kennzeichnung und Gebrauchsanweisung

Articles pyrotechniques - Autres articles pyrotechniques - Partie 5: Étiquetage minimal et documentation pour l'utilisateur final

**Ta slovenski standard je istoveten z: prEN 16263-5**

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EUROPEAN STANDARD  
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EUROPÄISCHE NORM

**DRAFT**  
**prEN 16263-5**

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English Version

## Pyrotechnic articles - Other pyrotechnic articles - Part 5: Minimum labelling and end users documentation

Articles pyrotechniques - Autres articles pyrotechniques -  
Partie 5: Étiquetage minimal et documentation pour  
l'utilisateur final

Pyrotechnische Gegenstände - Sonstige pyrotechnische  
Gegenstände - Teil 5: Mindestanforderungen an die  
Kennzeichnung und Gebrauchsanweisung

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 212.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (prEN 16263-5:2011) 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 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 2007/23/EC.

For relationship with EU Directive 2007/23/EC, see informative Annex ZA, which is an integral part of this document.

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**prEN 16263-5:2011 (E)****1 Scope**

This document specifies minimum labelling requirements for the article and for end users documentation applicable to other pyrotechnic articles (except pyrotechnic articles for vehicles and ignition devices). The following types are under the scope of this document:

- Semi finished pyrotechnic products
- Flash Cartridges
- Other Cartridges
- Pyrotechnic matches
- Flares
- Sound / Noise emitters
- Gas generators
- Smoke/fog generators
- Pyromechanical devices
- Rockets and their Motors
- Heaters

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**2 Normative references**

[SIST EN 16263-5:2015](#)

The following referenced documents are indispensable for the application 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.

prEN 16263-1, *Pyrotechnic articles – Other pyrotechnic articles – Part 1: Terminology*.

prEN 16263-2, *Pyrotechnic articles – Other pyrotechnic articles – Part 2: Requirements*.

prEN 16263-3, *Pyrotechnic articles – Other pyrotechnic articles – Part 3: Categorisation*.

prEN 16263-4, *Pyrotechnic articles – Other pyrotechnic articles – Part 4: Test methods*.

**3 Terms and definitions**

For the purposes of this document, the terms and definitions indicated in prEN 16263-1, *Pyrotechnic articles – Other pyrotechnic articles – Part 1: Terminology* apply.

## 4 Minimum labelling requirements

### 4.1 General

Manufacturers shall ensure that other pyrotechnic articles are properly labelled visibly, legibly and indelibly in the official language(s) of the Member State in which the article is sold to the consumer.

Special storage conditions (if any) shall be displayed on the packaging.

Articles shall be marked with the information specified in 5.2 to 5.12.

### 4.2 Manufacturer or importer information

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

If the manufacturer is not established in the European Community, the labelling shall include the name or trademark of the manufacturer and the address of the importer or an abbreviation or a code allowing the identification of the importer.

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

### 4.3 Type of article, category and registration number

#### 4.3.1 Type of article

The type of article, either generic type or subtype, shall be marked, in upper case in conformity with prEN 16263-3, Pyrotechnic articles – Other pyrotechnic articles – Part 3: Categorisation, clause 4.

#### 4.3.2 Name of article

If a trade name is used in addition to the technical name, it shall not conflict with the principal effects of the relevant type of article or with the name of another type of article.

In the case of articles exhibiting effects after the first principal one, which might be unexpected, by users, the corresponding sequence shall be indicated, for safety reasons: e.g. 2'SHOT DISTRESS SIGNAL'.

#### 4.3.3 Category and registration number

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

**XXXX - YY - ZZZZ...**

Where XXXX refers to the identification number of the notified body issuing the certificate, YY refers to the article category in abbreviated format (P1 or P2), and where ZZZZ... is a processing number used by the notified body.

#### 4.3.4 Identification number of the notified body

CE-marking is followed by the identification number of the Notified Body responsible for monitoring the existing quality system or checking conformity to type.

### 4.4 Age limits

The users minimum age limits shall be clearly stated on the label. The following minimum age limit apply:

*Category P1: 18 years*

**prEN 16263-5:2011 (E)****4.5 Users' instructions and safety information: minimum content**

So far as is practicable users instructions shall be stated on the label, especially for P1 products. If this is not practicable, this information should be compiled in a separate document.

Users' instructions shall, when appropriate, include at least the following information:

- 1) Description and operating instructions for safe functioning (method of ignition shall be clearly indicated). Standard safety phrases and/or pictograms as compiled in Annexes I and II could be used.
- 2) For new pictograms, the design principles shall be in accordance with provisions in Council Directive 92/58/EEC of 24 June 1992 on the minimum requirements for the provision of safety and/or health signs at work incorporated. Complementary, ISO 3864 series shall be used.
- 3) Product data (effect type, effect duration, direction of ejection, sound pressure level etc.) shall be unambiguously displayed on the article or be defined in users instructions.
- 4) Method of ignition, if not clearly visible or placed on the label, shall be indicated.
- 5) For P1 articles, method of ignition, firing environment and firing mode (connexions and ancillary equipment) shall be described by simple, complete and unambiguous instructions.
- 6) Where appropriate, specification of the ancillary equipment needed and corresponding operating instructions for safe functioning of the pyrotechnic article.
- 7) Instructions for safe handling.
- 8) Minimum Safety Distance and/or dimensions of the hazard zone. For P2 product, such parameters shall be determined by the information on users instructions, using supplied product data.
- 9) Storage and use by date.
- 10) Safe disposal.
- 11) Manufacturer's contact information. Indication of name and address. Additional information is not mandatory but might be recommended.
- 12) European or other recognised national and international standards applicable to Personal Protective Equipment or other protective measures
- 13) Protective equipment required during normal use.

When necessary, instructions in addition to those specified in the previous paragraph shall be given.

Safety information shall be emphasized by use of a heading, or bold type, or similar (see 4.10).

**4.6 Minimum safety distance/s**

Where appropriate, a minimum safety distance shall be displayed on the label.

For P1 articles, the minimum safety distance shall be determined in accordance with the criteria of document prEN 16263-3, Part 3 "Categories and types" and the means of controlling or maintaining it will be advised or supplied by the manufacturer.

For P2 articles when a single value cannot be reasonably given, necessary data to calculate or determine the minimum safety distances shall be displayed on the label and/or calculation methods shall be supplied in the end user's documentation or be an expected part of the user's specialist knowledge.



These statements shall be written on the label: “Minimum safety distance to be determined by user using supplied product data” and “Article to be used in accordance with written instructions and national regulations”.

All values shall be displayed in the International System of units (See ISO 31).

#### 4.7 NEC<sup>1</sup>

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

#### 4.8 Specific requirements per principal effects

Some specific requirements might be necessary for some typical principal effects or designs and must be indicated on the label, where appropriate:

- Identification of the igniter
- Identification of safe/arm position
- Identification of the effect burst and direction: flame, projected or propelled sub-component... (Cf. § 5.1.10 of Part 2 Requirements).

#### 4.9 ‘Use by’ date

When a ‘use by’ date is necessary to inform the user of the time limit beyond which the pyrotechnic article may not function properly, it shall be displayed on the label.

In that case, the ‘use by’ date shall be clearly printed in accordance with the example below:

SIST MM/YYYY or MM/YY

where MM is the month (2 digits, e.g. 07) and YYYY or YY is the year (4 or 2 digits, e.g. “2015” or “15”).

#### 4.10 Printing

Labelling of P1 articles shall be clearly visible, easily legible and indelible in the official language(s) of the recipient Member State, and on a contrasting background colour. P2 articles can be labelled in another language, if determined by the member state concerned. Printing errors that are not misleading shall not be classified as faults.

When measured in accordance with prEN 16263-4, Pyrotechnic articles – Other pyrotechnic articles – Part 4: Test methods, P1 articles type sizes shall be such that the height of the character ‘X’ (in upper case) is at least 2,8 mm for the information on article type and category, safety information and additional information on the primary pack, if applicable, and at least 2,1 mm for the other required information.

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

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<sup>1</sup> The Net Equivalent Quantity of active explosive material (NEQ), in this standard, is the Net Explosive Content and the abbreviation “NEC” may be used for the labelling

**prEN 16263-5:2011 (E)****4.11 Marking of very small items**

If the article does not provide enough space for the specified information using type sizes specified in 4.10 for the information on name, category and safety information, the type size shall be reduced to 1.8 mm for safety information and 1.2 mm for other information.

If the article does not provide enough space to carry all the specified information even in reduced type size, at least the CE marking and the information on the manufacturer or, if the manufacturer is not established in the European Community, the importer, shall be given on the article, if at all possible. Otherwise the information shall be provided on the smallest piece of packaging.

In this case, other information will be given on a primary pack label and the article shall be sold only in a primary pack. The primary pack shall be marked with the statement: "Must be sold as packaged". This statement shall appear adjacent to the type name or category. For printing, 4.10 apply, and also requirements specified in 5.1 to 4.10.

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