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**Pyrotechnic articles — Pyrotechnic  
articles for vehicles —**

**Part 3:  
Labelling**

*Articles pyrotechniques — Articles pyrotechniques pour véhicules —*

*Partie 3: Étiquetage*  
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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Minimum labelling requirements</b> .....	<b>1</b>
4.1 CE Marking.....	1
4.2 Details of manufacturer or importer.....	1
4.3 Name and type.....	1
4.4 Safety instructions.....	1
4.5 Registration number.....	1
4.6 Small articles and semi-finished products.....	2
<b>Bibliography</b> .....	<b>3</b>

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 14451-3 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 212, *Pyrotechnic articles*, in collaboration with Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 12, *Passive safety crash protection systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

ISO 14451 consists of the following parts, under the general title *Pyrotechnic articles — Pyrotechnic articles for vehicles*:

- *Part 1: Terminology*
- *Part 2: Test methods*
- *Part 3: Labelling*
- *Part 4: Requirements and categorization for micro gas generators*
- *Part 5: Requirements and categorization for airbag gas generators*
- *Part 6: Requirements and categorization for airbag modules*
- *Part 7: Requirements and categorization for seatbelt pretensioners*
- *Part 8: Requirements and categorization for igniters*
- *Part 9: Requirements and categorization for actuators*
- *Part 10: Requirements and categorization for semi-finished products*

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# Pyrotechnic articles — Pyrotechnic articles for vehicles —

## Part 3: Labelling

### 1 Scope

This part of ISO 14451 specifies labelling requirements for pyrotechnic articles for vehicles.

### 2 Normative references

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.

ISO 14451-1, *Pyrotechnic articles — Pyrotechnic articles for vehicles — Part 1: Terminology*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 14451-1 apply.

### 4 Minimum labelling requirements

#### 4.1 CE Marking

The CE marking shall be placed on the pyrotechnic article itself or if this is not possible, it shall be placed on a label thereto or on the packaging.

The CE marking shall be accompanied by the identification number of the notified body responsible for the monitoring.

#### 4.2 Details of manufacturer or importer

Labelling shall include the name of the manufacturer or, where the manufacturer is not established in the market concerned, the name of the importer.

#### 4.3 Name and type

Labelling shall include name and type of the article.

#### 4.4 Safety instructions

Safety instructions may be displayed in pictograms or written texts. If pictograms are displayed they should be in accordance with relevant international standards, e.g. ISO 701, ISO 2575, ISO 3864 (all parts).

Labelling shall include safety instructions as provided by the manufacturer.

#### 4.5 Registration number

The registration number shall be in accordance with the example below:

**XXXX-YY-ZZZZZZ**

where

**XXXX** is the identification number of the notified body issuing the type certificate,

**YY** is the category (P1 or P2) and

**ZZZZZZ** is a number provided by the notified body issuing the certificate. The number should have six digits.

#### **4.6 Small articles and semi-finished products**

If the article does not provide sufficient space for the labelling, the mandatory information shall be provided on the primary packaging.

For semi-finished products the labelling requirements shall be provided on the primary pack.

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## Bibliography

- [1] ISO 701, *International gear notation — Symbols for geometrical data*
- [2] ISO 2575, *Road vehicles — Symbols for controls, indicators and tell-tales*
- [3] ISO 3864 (all parts), *Graphical symbols — Safety colours and safety signs*

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