



NSAI
Standards

Irish Standard
I.S. EN 16256-3:2012

Pyrotechnic articles - Theatrical pyrotechnic articles - Part 3: Requirements for construction and performance

I.S. EN 16256-3:2012

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Anforderungen an die Konstruktion und Funktion

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Foreword

This document (EN 16256-3:2012) 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of an identical text or by endorsement, at the latest by June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.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.

1 Scope

This European Standard specifies requirements for the construction, performance and primary packaging of theatrical pyrotechnical articles of the generic types defined in EN 16256-1:2012, Clause 3.

NOTE “Theatrical pyrotechnic article(s)” is abbreviated by “article(s)” in this European Standard.

This European Standard does not apply for articles containing military explosives or commercial blasting agents except for black powder or flash composition.

This European Standard does not apply for articles containing pyrotechnic composition that include any of the following substances:

- arsenic or arsenic compounds;
- polychlorobenzenes;
- lead or lead compounds;
- mercury compounds;
- white phosphorus;
- picrates or picric acid.

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 16256-4:2012, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 4: Minimum labelling requirements and instructions for use*

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

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

3 Terms and definitions

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

4 Construction

4.1 General requirements (type test and batch test)

When tested in accordance with EN 16256-5:2012, 6.2.2, the article dimensions shall be in accordance with the manufacturers declaration.

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