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**Pürotehnilised tooted. 4. kategooria ilutulestikud. Osa 3:
Katsemeetodid**

**Pyrotechnic articles - Fireworks, Category 4 - Part 3:
Test methods**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16261-3:2012 sisaldab Euroopa standardi EN 16261-3:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 16261-3:2012 consists of the English text of the European standard EN 16261-3:2012.
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EUROPEAN STANDARD
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EN 16261-3

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English Version

Pyrotechnic articles - Fireworks, Category 4 - Part 3: Test methods

Articles pyrotechniques - Artifices de divertissement,
Catégorie 4 - Partie 3: Méthodes d'essai

Pyrotechnische Gegenstände - Feuerwerkskörper,
Kategorie 4 - Teil 3: Prüfverfahren

This European Standard was approved by CEN on 20 July 2012.

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Contents

	Page
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test environment for functioning test	5
4.1 General	5
4.2 Wind measurement	5
5 Apparatus	5
6 Test methods	9
6.1 Construction and stability	9
6.1.1 Outer dimension of item	9
6.1.2 Determination of calibre	10
6.1.3 Determination of gross mass	10
6.2 Design – Verification	10
6.3 Determination of tube angle	10
6.3.1 Apparatus	10
6.3.2 Procedure	10
6.4 Angle of ascent and burst height	11
6.4.1 General	11
6.4.2 Dimensions of mortar	11
6.4.3 Support of mortar	11
6.5 Measurement of sound pressure level	11
6.5.1 Apparatus	11
6.5.2 Procedure	11
6.6 Extinguishing of flames	11
6.6.1 Apparatus	11
6.6.2 Procedure	11
6.7 Visual and audible inspections	12
6.8 Mechanical conditioning	12
6.8.1 Apparatus	12
6.8.2 Procedure	12
6.9 Thermal conditioning	12
6.9.1 Apparatus	12
6.9.2 Procedure	12
6.10 Function test	12
6.10.1 Apparatus	12
6.10.2 Procedure	13
6.10.3 Monitoring of effect, rising/bursting and drop height	13
6.10.4 Monitoring of effect range and effect dimensions of aquatic fireworks	13
6.11 Measuring of CE-marking	14
6.11.1 Apparatus	14
6.11.2 Procedure	14
Annex A (informative) Mechanical Conditioning (Shock Apparatus)	15
Annex B (informative) Procedures for calculation of heights	18
Annex C (informative) Calculation method for safety-/protection distance	22
Annex D (informative) Overview of essential safety requirements and corresponding clauses of all parts of EN 16261	23

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	24
Bibliography.....	25

Foreword

This document (EN 16261-3:2012) 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 Directive 2007/23/EC on the placing on the market of pyrotechnic articles.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

EN 16261 is divided into the following parts:

- EN 16261-1, *Pyrotechnic articles — Fireworks, category 4 — Part 1: Terminology*;
- EN 16261-2, *Pyrotechnic articles — Fireworks, category 4 — Part 2: Requirements*;
- EN 16261-3, *Pyrotechnic articles — Fireworks, category 4 — Part 3: Test methods*;
- EN 16261-4, *Pyrotechnic articles — Fireworks, category 4 — Part 4: Minimum labelling requirements and instructions for use*.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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 test methods for fireworks of category 4.

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 16261-1:2012, *Pyrotechnic articles — Fireworks, Category 4 — Part 1: Terminology*

EN 16261-2:2013, *Pyrotechnic articles — Fireworks, Category 4 — Part 2: Requirements*

EN 61672-1, *Electroacoustics — Sound level meters — Part 1: Specifications (IEC 61672-1)*

ISO 3599, *Vernier callipers reading to 0,1 and 0,05 mm*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16261-1:2012 apply.

4 Test environment for functioning test

4.1 General

A large unobstructed area, which shall be wide open. The measuring points shall be positioned appropriately for the type of measurement being carried out.

For aquatic fireworks, a water test area shall be available for testing the resistance to moisture and functioning in the expected manner.

4.2 Wind measurement

The wind speed at a height of 1,50 m above the ground shall be measured and recorded using a wind speed meter (see 5.5). No performance testing shall be carried out if the wind speed exceeds 5,0 m/s.

5 Apparatus

Any equivalent apparatus with the same accuracy or better may be used.

5.1 Timing device.

Timing device, capable of being read to the nearest 0,1 s.

5.2 Calliper.

Calliper, flat faced vernier calliper reading to 0,1 mm, conforming to ISO 3599.

5.3 Ruler.

Ruler, with a scale resolution of 1,0 mm or better.