



SLOVENSKI STANDARD
SIST EN 14035-2:2003
01-december-2003

Ognjemet – 2. del: Razvrstitev

Fireworks - Part 2: Categorisation

Feuerwerkskörper - Teil 2: Einteilung

Artifices de divertissement - Partie 2 : Classification

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Ta slovenski standard je istoveten z: EN 14035-2:2003

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ICS:

71.100.30

SIST EN 14035-2:2003

en

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ICS 71.100.30

English version

Fireworks - Part 2: Categorisation

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Feuerwerkskörper - Teil 2: Einteilung

This European Standard was approved by CEN on 7 November 2002.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists 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 Management Centre has the same status as the official versions.

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Contents

	page
Foreword.....	3
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 Categorisation	5
4.1 Categories.....	5
4.2 Types.....	5

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Foreword

This document (EN 14035-2:2003) has been prepared by Technical Committee CEN/TC 212 "Fireworks", 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of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

This European Standard is one of a series of standards as listed below.

EN 14035-1, *Fireworks - Part 1: Terminology.*

EN 14035-2, *Fireworks - Part 2: Categorisation.*

prEN 14035-3, *Fireworks - Part 3: Aerial wheels - Specification and test methods.*

EN 14035-4, *Fireworks - Part 4: Bangers and banger batteries - Specification and test methods.*

prEN 14035-5, *Fireworks - Part 5: Batteries or combinations - Specification and test methods.*

prEN 14035-6, *Fireworks - Part 6: Bengal flames - Specification and test methods.*

prEN 14035-7, *Fireworks - Part 7: Bengal matches - Specification and test methods.*

prEN 14035-8, *Fireworks - Part 8: Bengal sticks - Specification and test methods.*

prEN 14035-9, *Fireworks - Part 9: Crackling granules - Specification and test methods.*

prEN 14035-10, *Fireworks - Part 10: Double bangers - Specification and test methods.*

EN 14035-12, *Fireworks - Part 12: Flash bangers and flash banger batteries - Specification and test methods.*

prEN 14035-13, *Fireworks - Part 13: Flash pellets - Specification and test methods.*

prEN 14035-14, *Fireworks - Part 14: Flying squibs - Specification and test methods.*

EN 14035-15, *Fireworks - Part 15: Fountains - Specification and test methods.*

prEN 14035-16, *Fireworks - Part 16: Friction-ignited flash bangers - Specification and test methods.*

prEN 14035-17, *Fireworks - Part 17: Ground spinners - Specification and test methods.*

prEN 14035-18, *Fireworks - Part 18: Hand-held fountains - Specification and test methods.*

EN 14035-19, *Fireworks - Part 19: Hand-held sparklers - Specification and test methods.*

prEN 14035-20, *Fireworks - Part 20: Jumping crackers - Specification and test methods.*

prEN 14035-21, *Fireworks - Part 21: Jumping ground spinners - Specification and test methods.*

prEN 14035-22, *Fireworks - Part 22: Mines - Specification and test methods.*

EN 14035-23, *Fireworks - Part 23: Non-hand-held sparklers - Specification and test methods.*

EN 14035-2:2003 (E)

prEN 14035-24, *Fireworks - Part 24: Novelty matches - Specification and test methods.*

prEN 14035-25, *Fireworks - Part 25: Party poppers - Specification and test methods.*

prEN 14035-26, *Fireworks - Part 26: Percussion caps - Specification and test methods.*

EN 14035-27, *Fireworks - Part 27: Rockets - Specification and test methods.*

prEN 14035-28, *Fireworks - Part 28: Roman candles - Specification and test methods.*

prEN 14035-29, *Fireworks - Part 29: Serpents - Specification and test methods.*

prEN 14035-31, *Fireworks - Part 31: Shells-in-mortars - Specification and test methods.*

prEN 14035-32, *Fireworks - Part 32: Snaps - Specification and test methods.*

prEN 14035-33, *Fireworks - Part 33: Spinners - Specification and test methods.*

EN 14035-34, *Fireworks - Part 34: Table bombs - Specification and test methods.*

prEN 14035-35, *Fireworks - Part 35: Throwdowns - Specification and test methods.*

prEN 14035-36, *Fireworks - Part 36: Wheels - Specification and test methods.*

prEN 14035-37, *Fireworks - Part 37: Whistlers - Specification and test methods.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies a system for the categorisation of fireworks.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 14035-1:2003, *Fireworks — Part 1: Terminology*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 14035-1 apply.

4 Categorisation

4.1 Categories

Fireworks are classified into four categories as follows:

category 1: fireworks which present a very low hazard and which are intended for use in confined areas, including fireworks which are intended for use inside domestic buildings;

category 2: fireworks which present a low hazard and which are intended for outdoor use in confined areas;

category 3: fireworks which present a medium hazard and which are intended for outdoor use in large, open areas;

category 4: fireworks which present a high hazard and which are intended for use by persons with specialist knowledge.

4.2 Types

Fireworks are categorised into various types, as described in Table 1.

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Table 1 – Types of fireworks

Type name	Brief description	Principal effect(s)
aerial wheel soucoupe volante Steigende Krone	tubes containing propellant charges and sparks-, flame- and/or noise-producing pyrotechnic compositions, the tubes being fixed to a supporting ring	rotation and ascent, with emission of sparks and flames, producing a visual and/or aural effect in the air
banger pétard à mèche Knallkörper	non-metallic case containing black powder	report
banger: see also 'double banger', 'flash banger' and 'friction-ignited flash banger'	-	-
battery batterie Batterie	assembly including several elements, each of the same type and corresponding to one of the types of firework listed in this categorisation, with one point of ignition	as for the individual elements
Bengal flame feu de Bengale Bengalfeuer	tube containing slow-burning pyrotechnic composition https://standards.iteh.ai/catalog/standards/sist/ef074356-faa2-4f1c-ae64-77124f161a88/sist-en-14035-2-2003	emission of coloured flame
Bengal match allumette Bengale Bengalholz	short wooden stick partially coated (along one end) with slow-burning pyrotechnic composition, with a dot of friction-sensitive pyrotechnic composition at the tip, and designed to be held in the hand	emission of coloured flame and sparks
Bengal stick baguette Bengale Bengalfackel	wooden stick partially coated (along one end) with slow-burning pyrotechnic composition and designed to be held in the hand	emission of coloured flame and sparks
cap: see 'percussion cap'	-	-
combination combinaison Kombination	assembly including several elements, not all of the same type, each corresponding to one of the types of firework listed in this categorisation, with one point of ignition	as for the individual elements

crackling granules crépitant Knatterartikel	bag, or other container, enclosing small granules of pyrotechnic composition	crackling
double banger pétard aérien Doppelschlag	tube containing two portions of black powder connected by a delay fuse	report, then ascent followed by second report
flash banger pétard à composition flash Blitzknallkörper	non-metallic case containing metal-based pyrotechnic composition	report and a flash of light
flash pellet clignoteur pyrotechnique Blitztablette	pellet of intermittently-burning pyrotechnic composition	multiple flashes of light
flying squib serpenteau Schwärmer	tube, with choke, containing gas- and sparks-producing pyrotechnic composition https://standards.iteh.ai/catalog/standards/sist/ef074356-faa2-4f1c-ae64-77124f161a88/sist-en-14035-2-2003	motion on the ground and emission of sparks, with or without a report
fountain fontaine Fontäne	non-metallic case containing sparks- and flame-producing pyrotechnic composition and designed to be placed on the ground, or to be fixed in the ground, or to be fixed to a support	emission of sparks and flames with aural effect other than report or without any aural effect
fountain: see also 'hand-held fountain'	-	-
friction-ignited flash banger pétard à composition flash à friction Blitzknallkörper mit Reibkopf	non-metallic case containing metal-based pyrotechnic composition, with a friction head at one end separated from the flash charge by a delay fuse	report and a flash of light
ground spinner tourbillon Bodenfeuerwirbel	non-metallic tube or tubes containing gas- and sparks-producing pyrotechnic composition, with or without noise-producing pyrotechnic composition	rotation on the ground and emission of sparks and/or flames with or without aural effect