

STN	Výbušniny na civilné použitie Bleskovice a zápalnice Časť 4: Overenie necitlivosti bleskovic na náraz	STN EN 13630-4 66 8081
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Explosives for civil uses - Detonating cords and safety fuses - Part 4: Verification of insensitiveness to impact of detonating cords

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

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English Version

Explosives for civil uses - Detonating cords and safety fuses - Part 4: Verification of insensitiveness to impact of detonating cords

Explosifs à usage civil - Cordeaux détonants et mèches de sûreté - Partie 4 : Vérification de l'insensibilité à l'impact des cordeaux détonants

Explosivstoffe für zivile Zwecke - Sprengschnüre und Sicherheitsanzündschnüre - Teil 4: Überprüfung der Schlagunempfindlichkeit von Sprengschnüren

This European Standard was approved by CEN on 15 September 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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EN 13630-4:2025 (E)

Contents		Page
European foreword		3
1	Scope.....	5
2	Normative references.....	5
3	Terms and definitions.....	5
4	Principle.....	5
5	Apparatus	5
6	Preparation of test sample	9
7	Procedure	9
8	Expression of results	10
9	Test report.....	10
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/28/EU relating to the making available on the market and supervision of explosives for civil uses aimed to be covered.....		11
Bibliography		12

European foreword

This document (EN 13630-4:2025) has been prepared by Technical Committee CEN/TC 321 “Explosives for civil uses”, the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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

This document supersedes EN 13630-4:2002.

EN 13631-4:2025 includes the following significant technical changes with respect to EN 13631-4:2002:

- a) the document title has been changed from “Part 4: Determination of sensitiveness to impact of detonating cords” to “Part 4: Verification of insensitiveness to impact of detonating cords”;
- b) the Scope has been revised to clarify the explosives covered and not covered in the document;
- c) the normative references have been updated;
- d) the terminology entry 3.1 has been removed;
- e) the Clause 4 “Principle” has been added;
- f) the apparatus has been updated and extended – the illustrations of the fall-hammer from former Annex C have been moved here;
- g) the Clause “Test pieces” is now called “Preparation of test sample” and has been revised and extended;
- h) the Clause “Procedure” has been updated;
- i) the Clause 8 “Expression of results” has been added;
- j) the Clause “Test report” does no longer require conformity with EN ISO/IEC 17025 and the information to be provided has been updated and extended;
- k) the former Annexes A “Range of applicability of the test method”, B “Information on special types of use for detonating cords” and C “Illustrations of the BAM fall-hammer” have been removed;
- l) the Annex ZA has been updated;
- m) the Bibliography has been added and lists, e.g. EN ISO/IEC 17025:2017.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

EN 13630-4:2025 (E)

A list of all parts in the EN 13630 series, published under the general title *Explosives for civil uses — Detonating cords and safety fuses*, can be found on the CEN website.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document specifies a test method for the verification of the insensitiveness to impact of detonating cords.

This document does not apply to safety fuses.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 13857-1:2025, *Explosives for civil uses — Part 1: Vocabulary*

EN ISO 4957:2018, *Tool steels (ISO 4957:2018)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹⁾ BAM fall-hammer is an example of a suitable product available commercially. This information is given for the convenience of users of this document and does not constitute an endorsement by CEN of this product.