

<b>STN</b>	<b>Výbušniny na civilné použitie Trhaviny, zosilňovacie náplne a výbušné látky Časť 10: Overenie spôsobu iniciácie trhavín a zosilňovacích náplní</b>	<b>STN EN 13631-10</b>
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Explosives for civil uses - Explosives for blasting, boosters and explosive substances - Part 10: Verification of the means of initiation of explosives for blasting and boosters

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

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English Version

**Explosives for civil uses - Explosives for blasting, boosters  
and explosive substances - Part 10: Verification of the  
means of initiation of explosives for blasting and boosters**

Explosifs à usage civil - Explosifs de mine,  
renforçateurs, et substances explosives - Partie 10:  
Vérification du moyen d'amorçage des explosifs et des  
renforçateurs

Explosivstoffe für zivile Zwecke - Sprengstoffe,  
Verstärkungsladungen und Explosivstoffe - Teil 10:  
Überprüfung der Zündweise von Sprengstoffen und  
Verstärkungsladungen

This European Standard was approved by CEN on 29 September 2025.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 13631-10:2025) 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 13631-10:2003.

EN 13631-10:2025 includes the following significant technical changes with respect to EN 13631-10:2003:

- a) the document title has been changed from "High explosives — Part 10: Method for the verification of the means of initiation" to "Explosives for civil uses — Explosives for blasting, boosters and explosive substances — Part 10: Verification of the means of initiation of explosives for blasting and boosters";
- b) the Scope has been revised to clarify the covered and not covered explosives;
- c) the normative references have been updated;
- d) Clause 4 "Principle" has been revised and enlarged;
- e) Clause 5 "Apparatus" has been updated and enlarged and now also includes the equipment to verify complete detonation of boosters;
- f) Clause 6 "Test pieces" is now called "Preparation of test sample" and has been revised to distinguish between testing under and without confinement, to include booster test pieces and to condition test pieces at the minimum temperature of use as specified;
- g) Clause 7 "Procedure" has been enlarged and contains now the revised specifications regarding the assembly of the test piece (former subclause 6.4), specification regarding the attachment of the means to verify complete detonation as well as the measurement procedure;
- h) Clause 8 "Expression of results" has been added;
- i) the clause "Test report" does no longer require conformity with EN ISO/IEC 17025 and the information to be provided has been revised and enlarged;
- j) former Annex A "Range of applicability of the test method" has been removed;
- k) Annex ZA has been updated;
- l) the Bibliography has been added and lists 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.

**EN 13631-10:2025 (E)**

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

A list of all parts in the EN 13631 series, published under the general title *Explosives for civil uses — Explosives for blasting, boosters and explosive substances*, 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 organizations 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 test methods for the verification of the initiation of explosives for blasting and boosters by its means of initiation.

The means of initiation for explosives for blasting covered in this document are detonators, detonating cords and boosters. The means of initiation for boosters covered in this document are detonators and detonating cords.

This document does not apply to black powder used for blasting and explosive substances.

## 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 573-3:2019+A2:2023, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 3: Chemical composition and form of products*

EN 10025-2:2019, *Hot rolled products of structural steels — Part 2: Technical delivery conditions for non-alloy structural steels*

EN 10216-1:2013, *Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 1: Non-alloy steel tubes with specified room temperature properties*

EN 13631-1:2025, *Explosives for civil uses — Explosives for blasting, boosters and explosive substances — Part 1: Requirements*

EN 13631-14:2025, *Explosives for civil uses — Explosives for blasting, boosters and explosive substances — Part 14: Determination of velocity of detonation of explosives for blasting*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN