

STN	Výbušniny na civilné použitie Trhaviny, zosilňovacie náplne a výbušné látky Časť 11: Overenie prenosu detonácie náložkovaných trhavín	STN EN 13631-11 66 8082
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Explosives for civil uses - Explosives for blasting, boosters and explosive substances - Part 11: Verification of the transmission of detonation of cartridged explosives for blasting

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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EUROPEAN STANDARD
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EN 13631-11

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Supersedes EN 13631-11:2003

English Version

**Explosives for civil uses - Explosives for blasting, boosters
and explosive substances - Part 11: Verification of the
transmission of detonation of cartridged explosives for
blasting**

Explosifs à usage civil - Explosifs de mine,
renforçateurs, et substances explosives - Partie 11:
Détermination de la transmission de la détonation des
explosifs

Explosivstoffe für zivile Zwecke - Sprengstoffe,
Verstärkungsladungen und Explosivstoffe - Teil 11:
Überprüfung der Detonationsübertragung von
patronierten Sprengstoffen

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

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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

EN 13631-11:2025 (E)

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European foreword

This document (EN 13631-11:2025) 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of an identical text or by endorsement, at the latest by April 2026 and conflicting national standards shall be withdrawn at the latest by April 2026.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 13631-11:2003.

EN 13631-11:2025 includes the following significant technical changes with respect to EN 13631-11:2003:

- a) the document title has been changed from “High explosives — Part 11: Determination of transmission of detonation” to “Explosives for civil uses — Explosives for blasting, boosters and explosive substances — Part 11: Verification of the transmission of detonation of cartridged explosives for blasting”;
- b) the Scope has been revised to clarify the covered and not covered explosives;
- c) the normative references have been updated;
- d) the terminology entry 3.1 has been removed;
- e) Clause 4 “Principle” has been revised and enlarged – it has been clarified that successful transmission is indicated by completed detonation of the acceptor charge;
- f) Clause 5 “Apparatus” has been revised and enlarged;
- g) Clause 6 “Test pieces” is now called “Preparation of test sample” and has been updated and further detailed; test pieces are now conditioned at the specified minimum temperature of use;
- h) Clause 7 “Procedure” has been revised and enlarged to provide with separate specifications for testing without and under confinement as well as for the actual measurement procedure for the velocity of detonation with regard to complete detonation;
- i) Figures 1 to 7 have been revised and partly merged;
- j) Clause 8 “Expression of results” has been added;
- k) 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;
- l) Annex A “Range of applicability of the test method” has been removed;
- m) Annex ZA has been updated;
- n) the Bibliography has been added and lists EN ISO/IEC 17025:2017.

EN 13631-11:2025 (E)

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.

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 a test method for the verification of the transmission of detonation of cartridged explosives for blasting.

This document does not apply to blasting explosives in bulk form, boosters, black powder 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 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: Method for the determination of the 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