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Explosives for civil uses - Part 1: Vocabulary

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 - Part 1: Vocabulary

Explosifs à usage civil - Partie 1 : Vocabulaire

Explosivstoffe für zivile Zwecke - Teil 1: Begriffe

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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European foreword

This document (EN 13857-1:2025) 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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.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 13857-1:2003.

In comparison with the previous edition, the following technical modifications have been made:

- a) all definitions have been revised;
- b) the following terms have been added: acceptor cartridge, acceptor cord, acceptor detonator, all-fire impulse, blast bunker, blast chamber, blasthole, blasting circuit, blasting explosive, borehole, burning rate, cartridge, charge, complete detonation, confined test, confinement, connector, control unit, core of detonating cord, coupling accessory, critical defect, defect, delay composition, delay series, density, detonation front, detonator base, detonator top, donor cartridge, donor cord, donor detonator, drop test, dummy detonator, electric igniter, electronic initiation system, electronic initiation system using no data communication, electronic initiation system using one-way data communication, electronic initiation system using two-way data communication, electrostatic discharge, explosive for blasting, explosive article, explosive core, explosive material, explosive substance, failure, fault, firing line, firing test range, firing unit, firing voltage, free-fall drop test, free-flowing explosive, fuse head, guided drop test, hot wire, ignition, ignition wire, indentation, initiation, insensitiveness to friction, insensitiveness to impact, insulation breakdown, insulation resistance, large rocket motor, leading wires, loading, major defect, means of ignition, means of initiation, mechanical loading, minor defect, misfire, no-fire current, no-fire impulse, non-free-flowing explosive, outlier, overlapping, pins-to-case configuration, pin-to-pin configuration, powder cake, pre-programmed electronic detonator, programmable electronic detonator, programming unit, programming voltage, reference detonator, remote firing system, rocket motor, rocket propellant, round, semi-finished detonator, shell, small rocket motor, solid gun propellant, solid propellant, solid rocket propellant, surface delay systems, sympathetic detonation, test piece, test sample, testing unit, testing voltage, thermal stability, transfer capability, trigger detonator, unconfined test, unloaded detonator, witness detonator;
- c) the following terms have been removed: blasting accessory, decomposition, evidence of reaction, extreme conditions, extreme temperature, firing time, gap test, high explosive, nominal delay interval, primary explosive, propagation of detonation, range of applicability of test method, range of validity of test method, sensitizer, sensitiveness;
- d) Clause 3 now contains subclause and the terms have been assigned to these accordingly;
- e) cross-references to other terms defined in this document have been added to the definitions;
- f) an index has been added;
- g) the Bibliography has been revised.

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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.

A list of all parts in the EN 13857 series, published under the general title *Explosives for civil uses*, 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 defines terms and definitions used in documents prepared by CEN/TC 321 for explosives for civil uses.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN