BS EN 13631-1:2025

BSI Standards Publication

Explosives for civil uses — Explosives for blasting, boosters and explosive substances

Part 1: Requirements

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National foreword

This British Standard is the UK implementation of EN 13631-1:2025. It supersedes BS EN 13631-1:2005, which is withdrawn. Together with BS EN 13938-1:2025, BS EN 13763-1:2025 and BS EN 13630-1:2025, it supersedes BS EN 13857-3:2002, which will be withdrawn upon publication of the rest of these standards.

The UK participation in its preparation was entrusted to Technical Committee CII/61, Explosives for civil uses.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Full document details: BS EN 13631-1:2025

ISBN 978 0 539 14560 1

ICS 71.100.30

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2025.

Amendments/corrigenda issued since publication

Date	Text affected

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13631-1

October 2025

ICS 71.100.30

Supersedes EN 13631-1:2005, EN 13857-3:2002

English Version

Explosives for civil uses - Explosives for blasting, boosters and explosive substances - Part 1: Requirements

Explosifs à usage civil - Explosifs de mine, renforçateurs, et substances explosives - Partie 1 : Exigences

Explosivstoffe für zivile Zwecke - Sprengstoffe, Verstärkungsladungen und Explosivstoffe - Teil 1: Anforderungen

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Ref. No. EN 13631-1:2025 E

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European foreword

This document (EN 13631-1:2025) 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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.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 supersedes EN 13631-1:2005.

Together with EN 13630-1:2025, EN 13763-1:2025 and EN 13938-1:2025 this document supersedes EN 13857-3:2002.

EN 13631-1:2025 includes the following significant technical changes with respect to EN 13631-1:2005:

a) the document title has been changed from “Explosives for civil uses — High explosives — Part 1: Requirements” to “Explosives for civil uses — Explosives for blasting, boosters and explosive substances — Part 1: Requirements”;

b) the Scope has been revised completely so that the document now refers to explosives for blasting including black powder used for blasting as well as boosters and explosive substances;

c) the normative references have been updated;

d) the Clause 4 “Requirements” has been completely revised and is now called “Requirements for explosives for blasting”;

e) a new Clause 5 “Requirements on black powder used for blasting”, a new Clause 6 “Requirements on boosters” and a new Clause 7 “Requirements on explosive substances” have been added;

f) the requirements on information to be provided for explosives for blasting have been moved from EN 13857-3:2002 to the 4.1, 5.1, 6.1 and 7.1 in revised form;

g) the former subclauses 4.6 “Safety at extreme temperatures”, 4.7 “Safety at loading” and 4.12 “Thermodynamic properties” and the corresponding requirements have been removed;

h) the former Clause 5 “Other tests” including subclauses 5.1 “Toxic gases” and 5.2 “Explosives for use in hazardous environments” has been removed;

i) the Annex ZA has been updated;

j) the Bibliography has been added.

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.

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