



National Standards Authority of Ireland

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National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.n sai.ie>

EXPLOSIVES FOR CIVIL USES - HIGH

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EXPLOSIVES - PART 1: REQUIREMENTS

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Explosives for civil uses - High explosives - Part 1: Requirements

Explosifs à usage civil - Explosifs - Partie 1 : Exigences

Explosivstoffe für zivile Zwecke - Sprengstoffe - Teil 1:
Anforderungen

This European Standard was approved by CEN on 21 March 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 13631-1:2005) has been prepared by Technical Committee CEN /TC 321, "Explosives for civil uses", the secretariat of which is held by AENOR.

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of an identical text or by endorsement, at the latest by November 2005, and conflicting national standards shall be withdrawn at the latest by November 2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This European Standard is one of a series of standards on *Explosives for civil uses - High explosives*. The other parts of this series are:

Part 2: Determination of thermal stability of explosives

Part 3: Determination of sensitiveness to friction of explosives

Part 4: Determination of sensitiveness to impact of explosives

Part 5: Determination of resistance to water

Part 6: Determination of resistance to hydrostatic pressure

Part 7: Determination of safety and reliability at extreme temperatures

Part 10: Method for the verification of the means of initiation

Part 11: Determination of transmission of detonation

Part 12: Specifications of boosters with different initiating capability

Part 13: Determination of density

Part 14: Determination of velocity of detonation

Part 15: Calculation of thermodynamic properties

Part 16: Detection and measurement of toxic gases

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EN 13631-1:2005 (E)

1 Scope

This European Standard specifies the requirements for high explosives for civil uses when subjected to test methods defined in the standards referred herein.

2 Normative references

The following referenced documents are indispensable for the application 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 13631-2, *Explosives for civil uses - High explosives - Part 2: Determination of thermal stability of explosives*

EN 13631-3, *Explosives for civil uses - High explosives - Part 3: Determination of sensitiveness to friction of explosives*

EN 13631-4, *Explosives for civil uses - High explosives - Part 4: Determination of sensitiveness to impact of explosives*

EN 13631-5, *Explosives for civil uses - High explosives - Part 5: Determination of resistance to water*

EN 13631-6, *Explosives for civil uses - High explosives - Part 6: Determination of resistance to hydrostatic pressure*

EN 13631-7, *Explosives for civil uses - High explosives - Part 7: Determination of safety and reliability at extreme temperatures*

EN 13631-10, *Explosives for civil uses - High explosives - Part 10: Method of the verification of the means of initiation*

EN 13631-11, *Explosives for civil uses - High explosives - Part 11: Determination of transmission of detonation*

EN 13631-13, *Explosives for civil uses - High explosives. Part 13: Determination of density*

EN 13631-14, *Explosives for civil uses - High explosives. Part 14: Determination of velocity of detonation*

EN 13631-15, *Explosives for civil uses - High explosives. Part 15: Calculation of thermodynamic properties*

EN 13631-16, *Explosives for civil uses - High explosives - Part 16: Detection and measurement of toxic gases*

EN 13857-1:2003, *Explosives for civil uses - Part 1: Terminology*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 13857-1:2003 apply.

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