

# Explosives for civil uses — Detonators and relays —

## Part 4: Determination of resistance to abrasion of leading wires and shock tubes

The European Standard EN 13763-4:2003 has the status of a  
British Standard

ICS 71.100.30



## National foreword

This British Standard is the official English language version of EN 13763-4:2003.

The UK participation in its preparation was entrusted to Technical Committee CII/61, Explosives for civil uses, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

### Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 19 November 2003

### Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 16, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

### Amendments issued since publication

Amd. No.	Date	Comments

© BSI 19 November 2003

ISBN 0 560 42933 4

ICS 71.100.30

English version

Explosives for civil uses - Detonators and relays - Part 4:  
Determination of resistance to abrasion of leading wires and  
shock tubes

Explosifs à usage civil - Détonateurs et relais - Partie 4:  
Détermination de la résistance à l'abrasion des fils  
d'amorçage et des tubes à transmission d'ondes de choc

Explosivstoffe für zivile Zwecke - Zünder und  
Verzögerungselemente - Teil 4: Bestimmung der  
Widerstandsfähigkeit von Zünderdrähten und  
Zündschläuchen gegenüber Abrieb

This European Standard was approved by CEN on 1 September 2003.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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