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National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 14591-4:2007**

ICS 13.230

# EXPLOSION PREVENTION AND PROTECTION IN UNDERGROUND MINES - PROTECTIVE SYSTEMS - PART 4: AUTOMATIC EXTINGUISHING SYSTEMS FOR ROAD HEADERS

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN 14591-4:2007/AC

March 2008
Mars 2008
März 2008

**ICS** 13.230; 73.100.99

English version
Version Française
Deutsche Fassung

## Explosion prevention and protection in underground mines - Protective systems - Part 4: Automatic extinguishing systems for road headers

Protection contre l'explosion dans les mines souterraines - Systèmes de protection - Partie 4: Installation d'extinction automatique d'explosion pour machines à attaque ponctuelle

Explosionsschutz in untertägigen Bergwerken - Schutzsysteme - Teil 4: Automatische Explosionslöschanlagen für Teilschnittmaschinen

This corrigendum becomes effective on 26 March 2008 for incorporation in the official English version of the EN.

Ce corrigendum prendra effet le 26 mars 2008 pour incorporation dans la version anglaise officielle de la EN.

Die Berichtigung tritt am 26.März 2008 zur Einarbeitung in die offizielle Englische Fassung der EN in Kraft.

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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# English version

### 4.2 Functional requirements
### 4.2.1 General

*A new fifth paragraph shall be inserted in 4.2.1 as follows:*

"An error detection system shall be used to ensure that the components are operating together correctly.".

### 7 Requirements for signal processing electronics
### 7.1 General

*The first sentence in 7.1 shall read as follows:*

"The signal-processing electronics, including the sensor system, shall revert to fail-safe mode in the case of an error occurring (SIL 2 according to EN 61508-1).".

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN 14591-4

July 2007

ICS 13.230; 73.100.99

English Version

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