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IRISH STANDARD

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ICS 13.230
75.160.30

**DETERMINATION OF MAXIMUM EXPLOSION
PRESSURE AND THE MAXIMUM RATE OF
PRESSURE RISE OF GASES AND VAPOURS -
PART 2: DETERMINATION OF THE MAXIMUM
RATE OF EXPLOSION PRESSURE RISE**

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN 13673-2

September 2005

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English Version

**Determination of maximum explosion pressure and the
maximum rate of pressure rise of gases and vapours - Part 2:
Determination of the maximum rate of explosion pressure rise**

Détermination de la pression maximale d'explosion et de la
vitesse maximale de montée en pression des gaz et des
vapeurs - Partie 2: Détermination de la vitesse maximale
de montée en pression

Verfahren zur Bestimmung des maximalen
Explosionsdruckes und des maximalen zeitlichen
Druckanstieges für Gase und Dämpfe - Teil 2:
Bestimmungsverfahren für den maximalen zeitlichen
Druckanstieg

This European Standard was approved by CEN on 1 August 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.



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EN 13673-2:2005 (E)

Foreword

This European Standard (EN 13673-2:2005) has been prepared by Technical Committee CEN/TC 305 “Potentially explosive atmospheres - Explosion prevention and protection”, the secretariat of which is held by DIN.

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 March 2006, and conflicting national standards shall be withdrawn at the latest by March 2006.

This European Standard 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 Directives.

For relationship with EU Directives, see informative Annex ZA, which is an integral part of this document.

EN 13673 *Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours* consists of:

- *Part 1*: Determination of the maximum explosion pressure
- *Part 2*: Determination of the maximum rate of explosion pressure rise

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.

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