



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 6974-3:2002

ICS 75.060

**NATURAL GAS - DETERMINATION OF  
COMPOSITION WITH DEFINED  
UNCERTAINTY BY GAS CHROMATOGRAPHY  
- PART 3: DETERMINATION OF HYDROGEN,  
HELIUM, OXYGEN, NITROGEN, CARBON  
DIOXIDE AND HYDROCARBONS UP TO C8  
USING TWO PACKED COLUMNS  
(ISO 6974-3:2000)**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel. (01) 807 3800  
Tel (01) 807 3838

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 6974-3**

August 2001

ICS 75.060

English version

**Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 3: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns (ISO 6974-3:2000)**

Gaz naturel - Détermination de la composition avec une incertitude définie par chromatographie en phase gazeuse -  
Partie 3: Détermination de l'hydrogène, de l'hélium, de l'oxygène, de l'azote, du dioxyde de carbone et des hydrocarbures jusqu'à C8 à l'aide de deux colonnes remplies (ISO 6974-3:2000)

This European Standard was approved by CEN on 22 June 2001.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom



EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPAISCHES KOMITEE FÜR NORMUNG

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

## **EN ISO 6974-3:2001 (E)**

### **Foreword**

The text of the International Standard from Technical Committee ISO/TC 193 "Natural gas" of the International Organization for Standardization (ISO) has been taken over as an European Standard by CMC.

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 February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

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

**NOTE FROM CMC** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

### **Endorsement notice**

The text of the International Standard ISO 6974-3:2000 has been approved by CEN as a European Standard without any modification.

# INTERNATIONAL STANDARD

**ISO**  
**6974-3**

First edition  
2000-04-01

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## **Natural gas — Determination of composition with defined uncertainty by gas chromatography —**

**Part 3:**

### **Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns**

*Gaz naturel — Détermination de la composition avec une incertitude  
définie par chromatographie en phase gazeuse —*

*Partie 3: Détermination de l'hydrogène, de l'hélium, de l'oxygène, de  
l'azote, du dioxyde de carbone et des hydrocarbures jusqu'à C8 à l'aide de  
deux colonnes remplies*



Reference number  
ISO 6974-3:2000(E)

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