

**RATIFICACIÓN DE  
DOCUMENTOS EUROPEOS  
DICIEMBRE 2005**HOJA DE ANUNCIO

En cumplimiento del punto 11.2.6.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de norma española al Documento Europeo siguiente:

<b>Documento Europeo</b>	<b>Título</b>	<b>Fecha de Disponibilidad</b>
EN ISO 10426-5:2005	Industrias del petróleo y del gas natural. Cemento y materiales para cementado de pozos. Parte 5: Determinación de la contracción y la expansión de las formulaciones de los cementos para pozos a presión atmosférica. (Ratificada por AENOR en diciembre de 2005.)	2005-10-19

Este anuncio causará efecto a partir del primer día del mes siguiente al de su publicación en la revista UNE. La correspondiente versión oficial de este documento se encuentra disponible en la sede de AENOR, Calle Génova 6, 28004 MADRID.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 10426-5

October 2005

ICS 91.100.10; 75.020

English Version

Petroleum and natural gas industries - Cements and materials  
for well cementing - Part 5: Determination of shrinkage and  
expansion of well cement formulations at atmospheric pressure  
(ISO 10426-5:2004)

Industries du pétrole et du gaz naturel - Ciments et  
matériaux pour la cimentation des puits - Partie 5:  
Détermination du retrait et de l'expansion à la pression  
atmosphérique des formulations de ciments pour puits (ISO  
10426-5:2004)

Erdöl- und Erdgasindustrie - Zemente und Materialien für  
die Zementation von Tiefbohrungen - Teil 5: Bestimmung  
der Schrumpfung und Quellung von Bohrloch-  
Zementmischungen bei atmosphärischem Druck (ISO  
10426-5:2004)

This European Standard was approved by CEN on 30 September 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

## Foreword

The text of ISO 10426-5:2004 has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum and natural gas industries" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10426-5:2005 by Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries", the secretariat of which is held by AFNOR.

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 April 2006, and conflicting national standards shall be withdrawn at the latest by April 2006.

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.

### Endorsement notice

The text of ISO 10426-5:2004 has been approved by CEN as EN ISO 10426-5:2005 without any modifications.