



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 15174:2006

ICS 23.040.01

**GAS SUPPLY SYSTEMS - GUIDELINE FOR  
SAFETY MANAGEMENT SYSTEMS FOR  
NATURAL GAS TRANSMISSION PIPELINES**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:*

*22 August 2006*

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English Version

## Gas supply systems - Guideline for safety management systems for natural gas transmission pipelines

Systèmes d'alimentation en gaz - Ligne directrice pour les  
systèmes de management de la sécurité des canalisations  
pour le transport de gaz naturel

Gasversorgungssysteme - Leitfaden für  
Sicherheitsmanagementsysteme für  
Erdgastransportleitungen

This Technical Specification (CEN/TS) was approved by CEN on 25 June 2005 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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## Foreword

This Technical Specification (CEN/TS 15174:2006) has been prepared by Technical Committee CEN/TC 234 "Gas Supply Systems", the secretariat of which is held by DIN.

There is a complete suite of functional standards prepared by CEN/TC 234 "Gas Supply" to cover all parts of the gas supply system from the input of gas to the transmission system up to the inlet connection of the gas appliances, whether for domestic, commercial or industrial purposes.

In preparing this Technical Specification a basic understanding of Quality Management Systems and gas supply systems by the user has been assumed.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

This Technical Specification describes the management of pipeline systems. It covers design, construction, commissioning, operation, maintenance and abandonment, all in order to provide a pipeline system for the safe and secure transmission of gas.

The text of this Technical Specification is based upon the existing documents EN ISO 14001 (Environmental Management Systems), EN 1594 (Pipelines for maximum operating pressures over 16 bar – Functional requirements) and CEN/TS 15173 (Frame of reference regarding Pipeline Integrity Management System). Among the EN ISO standards, EN ISO 14001 appears to be the most appropriate reference for a Safety Management System for natural gas transmission pipelines no reference is given to EN ISO 9000 series.

Not all the references specifically cover pipeline management. However they give a good overall guide as far as the topic in question is concerned.

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