



National Standards Authority of Ireland

STANDARD

I.S. EN 14408-1:2004

ICS 23.040.20
23.040.45

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Fax: (01) 807 3838

**PLASTICS PIPING SYSTEMS FOR
RENOVATION OF UNDERGROUND GAS
SUPPLY NETWORKS - PART 1: GENERAL**

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
November 12, 2004*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2004

Price Code I

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 14408-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2004

ICS 23.040.20; 23.040.45

English version

Plastics piping systems for renovation of underground gas supply networks - Part 1: General

Systèmes de canalisations plastiques pour la rénovation des réseaux de gaz enterrés - Partie 1 : Généralités

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten Gasversorgungsnetzwerken - Teil 1: Allgemeines

This European Standard was approved by CEN on 29 July 2004.

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

EN 14408-1:2004 (E)

Contents

	Page
Foreword	3
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms, definitions, symbols and abbreviations	6
4 Pipes at the "M" stage	14
5 Fittings at the "M" stage	15
6 Valves	16
7 Fitness for purpose of the Lining at the "I" stage	16
8 Installation practice	17
Annex A (informative) Recommended scheme for assessment of conformity	22
Bibliography	25

Foreword

This document (EN 14408-1:2004) has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

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 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

This document is a part of a System Standard for plastics piping systems of various materials used for renovation of existing pipelines in a specified application area. System standards for renovation dealing with the following applications are either available or in preparation:

- Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks;
- Plastics piping systems for renovation of underground water supply networks;
- **Plastics piping systems for renovation of underground gas supply networks (this application);**
- Plastics piping systems for renovation of underground drainage and sewerage networks under pressure;
- Plastics piping systems for renovation of industrial pipelines.

These System Standards are distinguished from those for conventionally installed plastics piping systems by setting requirements for certain characteristics in the as-installed condition, after site processing. This is in addition to specifying requirements for system components as manufactured.

Each of the System Standards comprises a:

- Part 1: General (this document)

and all applicable renovation technique family related parts from the following list:

- Part 2: Lining with continuous pipes
- Part 3: Lining with close-fit pipes
- Part 4: Lining with cured-in-place pipes
- Part 5: Lining with discrete pipes (not envisaged for this application)
- Part 6: Lining with inserted hoses (not envisaged for this application)
- Part 7: Lining with spirally-wound pipes (not envisaged for this application)

A consistent structure of clause headings has been adopted for all parts to facilitate direct comparisons across renovation technique families.

Figure 1 shows the common part and clause structure and the relationship between EN 14408 and the system standards for other application areas.

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.

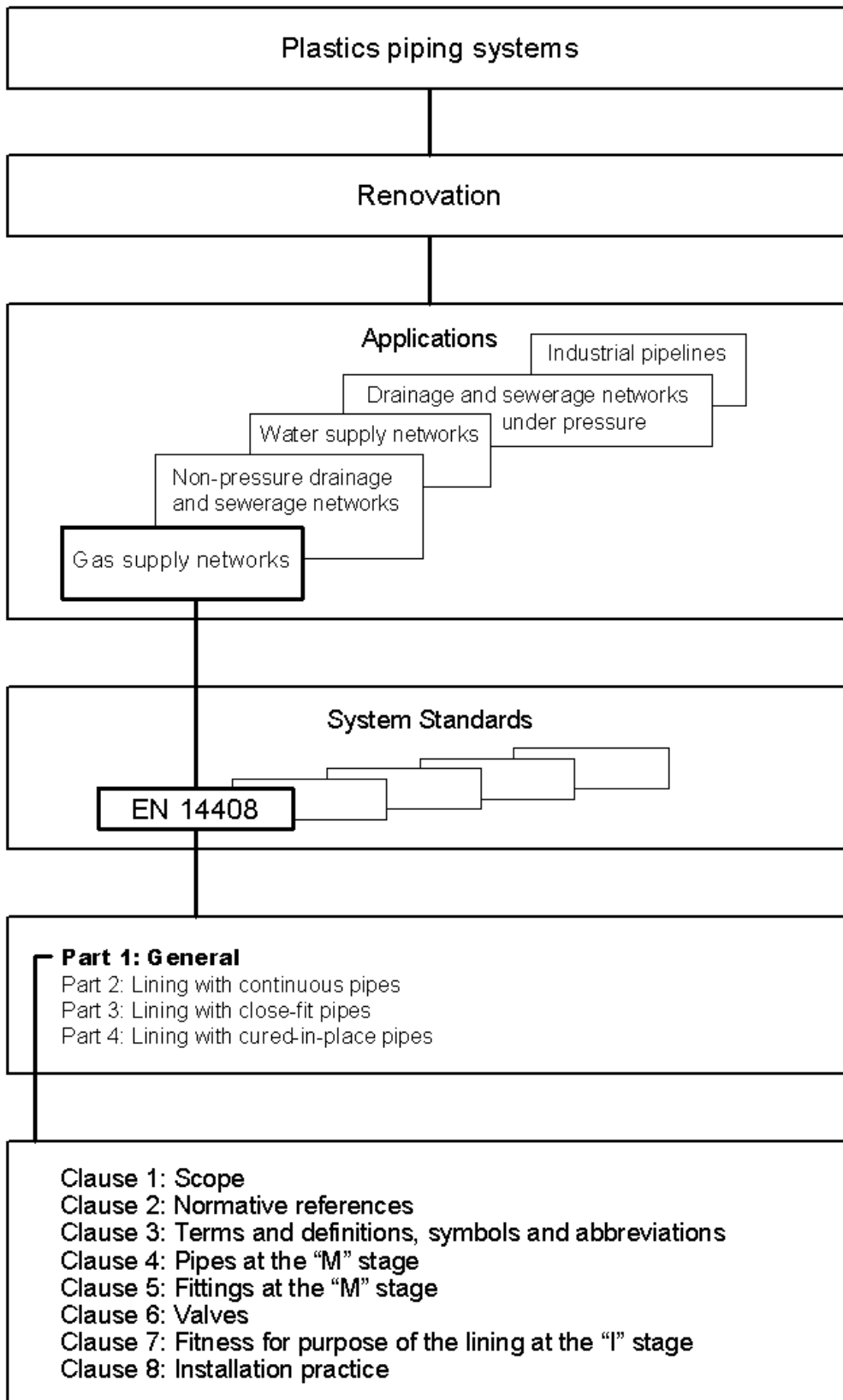


Figure 1 — Format of the renovation system standard

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-