



**NSAI**  
Standards

Irish Standard  
I.S. 265:2000+A1:2014

# Installation of Gas Service Pipes - Parts 1 and 2 (Fourth Edition) (including amendment No. 1)

## I.S. 265:2000+A1:2014

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

I.S. 265:2000/A1:2014

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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**Declaration**

OF

SPECIFICATION

ENTITLED

INSTALLATION OF GAS SERVICE PIPES

PARTS 1 AND 2

(FOURTH EDITION)

AS

THE IRISH STANDARD SPECIFICATION FOR

INSTALLATION OF GAS SERVICE PIPES

PARTS 1 AND 2

(FOURTH EDITION)

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NSAI in exercise of the power conferred by section 16(3) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Installation of gas service pipes, Parts 1 and 2 (Fourth Edition)) Declaration, 2000.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Installation of gas service pipes, Parts 1 and 2 (Fourth Edition).  
(2) The said standard specification may be cited as Irish Standard 265 : 2000 or as I.S. 265 : 2000.
3. (1) The Standard specification (Installation of gas service pipes, Parts 1: Construction (Third Edition)) Declaration, 1994 and (Installation of gas service pipes, Parts 2: Operation) Declaration, 1994 are hereby revoked.  
(2) Reference in any other standard specification to the instruments hereby revoked and to Irish Standard 265: Part 1: 1994 and Irish Standard 265 : Part 2: 1994 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard 265:2000.

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## Foreword

This Standard has been drafted by the Distribution Technical Committee TC1 of the Gas Technical Standards Committee.

The Standard has been prepared to meet the need for minimum and adequate standards and procedures to be used for gas service pipes.

Reference should be made to any relevant legislation, bylaws or regulations in force, including the Safety, Health and Welfare at Work Act 1989, (and Regulations there under), and the Building Control Act 1990.

It is recommended that gas supply installations to new developments are discussed and agreed at the early design stage with the relevant gas operator.

Only competent persons should be engaged in the implementation of this Standard.

Future experience acquired in the laying of gas service pipes, and the advent of new technology and material may lead to revisions of this standard being issued at appropriate intervals.

This Standard supersedes I.S. 265, Part 1 (1994) (Third Edition) and I.S. 265, Part 2 (1994).

The scopes of both parts of this standard cover operating pressures less than or equal to 5 bar. The requirements for operating pressures greater than 5 bar and less than or equal to 16 bar will be covered in a future Part 3 of the Standard.

Amendments are indicated by the TAG **A1** **A1**

**A1** This amendment (I.S. 265:2000/A1:2014) has been prepared by Technical Committee GTSC TC 1 and NSAI. **A1**

In line with international standards practice the decimal point is shown as a comma ( , ) throughout this document.
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## Schedule

# Installation of gas service pipes Parts 1 and 2 (Fourth edition)

## PART 1: CONSTRUCTION

### 1 Scope

1.1 Part 1 of this standard covers the design, installation, testing, commissioning and record keeping of gas service pipes for the supply of manufactured gas, natural gas and liquefied petroleum gas, at operating pressures not exceeding 5 bar.

1.2 It is not intended to be retroactive. However, existing gas service pipes shall be upgraded to the requirements of this standard when they are to undergo total renewal. In the case of gas service pipes which are partially renewed, then that part of the service which is renewed shall be upgraded to the requirements of this standard.

1.3 It covers services in steel, copper and polyethylene (PE).

1.4 This standard is applicable to gas service pipes, connected to a gas distribution system, up to and including the point of delivery  $\text{A}_1$  and meter installation  $\text{A}_1$ .

1.5 For requirements relating to the direct supply of gas to a building from storage vessels, or for requirements relating to pipework  $\text{A}_1$  and  $\text{A}_1$  ancillaries  $\text{A}_1$   $\text{A}_1$  downstream of the point of delivery of gas, refer to:

I.S. EN 1775 (Gas Supply - Gas Pipework for Buildings - Maximum operating pressure  $\leq$  5 bar - Functional recommendations), and to

I.S. 813 (Domestic Gas Installations), or

I.S. 820 (Non-domestic Gas Installations) as appropriate.

1.6 For the scope of Part 2 of this standard see clause 13.

### 2 Reference standards

This Standard incorporates by dated or undated reference, provisions from other publications. These references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

I.S. 266, *Polyethylene (PE) Pipes and Fittings for Natural Gas, Manufactured Gas and LPG.*

I.S. 329, *Gas Distribution Mains.*

I.S. 813, *Domestic Gas Installations.*

I.S. 820, *Non-Domestic Gas Installations.*

ETCI rules, *National rules for electrical installations (ET 101).*

I.S. EN 1057, *Copper and copper alloys – seamless, round copper tubes for water and gas in sanitary and heating applications.*

I.S. EN 1775, *Gas Supply - Gas Pipework for Buildings - Maximum operating pressure  $\leq$  5 bar – Functional Recommendations.*

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