



National Standards Authority of Ireland

IRISH STANDARD

I.S. 266 : Part 1 : 1991 Amd. No. 1:2001

ICS 23.040.20

**POLYETHYLENE (PE) PIPES AND FITTINGS  
FOR  
NATURAL GAS, MANUFACTURED GAS AND  
LIQUEFIED  
PETROLEUM GAS. PART 1:PIPES  
(EDITION 2)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



## AMENDMENT

No. 1 : 2001

OF

STANDARD SPECIFICATION ( POLYETHYLENE (PE) PIPES AND  
FITTINGS FOR NATURAL GAS, MANUFACTURED GAS AND  
LIQUEFIED PETROLEUM GAS. PART 1: PIPES (EDITION 2) )

DECLARATION, 1991

IRISH STANDARD 266:PART 1:1991

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NSAI in exercise of the power conferred by section 16(5) 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 declare as follows:

1. This instrument may be cited as the Standard Specification (Polyethylene (PE) pipes and fittings for natural gas, manufactured gas and liquefied petroleum gas. Part 1: Pipes (Edition 2)) Declaration, 1991 (Amendment) No. 1:2001.

2. Irish Standard 266:Part 1:1991 set out in the Schedule to the Standard Specification (Polyethylene (PE) pipes and fittings for natural gas, manufactured gas and liquefied petroleum gas. Part 1: Pipes (Edition 2)) Declaration, 1991 is hereby amended as indicated in the Schedule hereto.

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## I.S. 266 Amendment 1 : 2001

### Schedule

#### 1.2.2 Pipe classification

Add after the last paragraph:

"SDR 26 pipe may be used for buried pipe systems installed within decommissioned pipe lines."

## 2 References

Delete the first paragraph and add the following:

"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."

Delete all dates of the references.

Delete the following reference:

"ISO/R1183: *Plastics – Methods for determining the density and relative density (specific gravity) of plastics, excluding cellular plastics*"

Add the following references:

"ISO 13949, *Method for the assessment of the degree of pigment dispersion in polyolefin pipes, fittings and compounds*".

ISO 1183: *Plastics – Methods for determining the density and relative density of non-cellular plastics*.

ISO 1133: *Plastics – Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics*"

#### 4.1

Replace the following:

"MDPE (Medium Density Polyethylene) – 0.931 to 0.944 g/ml

HDPE (High Density Polyethylene) – equal to or greater than 0.945 g/ml"

with the following:

"MDPE [ Medium Density polyethylene (PE 80 grade) including MRS 8 material] – 932 to 944 kg/m<sup>3</sup>.

HDPE [High Density polyethylene (PE 100 grade) including MRS 10 material] – equal to or greater than 945 kg/m<sup>3</sup>."

#### 5.2.4

Delete the first paragraph and replace it with the following:

"Pipe as delivered when measured in accordance with appendix E, clause E.4 shall not exhibit out-of-roundness in excess of the following:"



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