



NSAI
Standards

Irish Standard
I.S. 261:2013

Water services road furniture – Requirements for cast iron covers and frames

I.S. 261:2013

Incorporating amendments/corrigenda/National Annexes issued since publication:

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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Údarás um Chaighdeáin Náisiúnta na hÉireann		

DECLARATION

OF

SPECIFICATION

ENTITLED

WATER SERVICES ROAD FURNITURE – REQUIREMENTS FOR

CAST IRON COVERS AND FRAMES

AS

THE IRISH STANDARD SPECIFICATION FOR

WATER SERVICES ROAD FURNITURE – REQUIREMENTS FOR

CAST IRON COVERS AND FRAMES

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 Jobs, Enterprise and Innovation, hereby declare as follows:

1. This instrument may be cited as the Standard Specification (Water services road furniture – Requirements for cast iron covers and frames) Declaration, 2013.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Water services road furniture – Requirements for cast iron covers and frames.

(2) The said standard specification may be cited as Irish Standard 261:2013 or as I.S. 261:2013.

3. (1) The Standard Specification (Cast iron road furniture) Declaration 1984 and its Amendments 1, 2 and 3 are hereby revoked.

(2) Reference in any other standard specification to the Instrument hereby revoked and to Irish Standard 261:1984 and its Amendments 1, 2 and 3 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard 261:2013.

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Foreword

This Irish Standard has been revised by NSAI Wastewater Engineering Standards Committee, Working Group 3 (Road furniture). The secretariat for the Working Group is held by NSAI.

I.S. 261 has been revised following a request to NSAI from representatives of the road furniture manufacturers.

The principal differences between I.S. 261:1984 and this document are:

- a) the title of the standard is changed;
- b) the scope of the standard is modified;
- c) normative references are updated;
- d) a new clause on product classification is introduced;
- e) a new clause on place of product installation is introduced;
- f) additional requirements for marking are introduced;
- g) a new clause on child safety is added;
- h) information on securing the cover within the frame is added;
- i) additional design features for products are introduced;
- j) normative annexes specify additional product requirements.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with an Irish Standard does not of itself confer immunity from legal obligations.

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

Water services road furniture – Requirements for cast iron covers and frames

1 Scope

This Irish Standard addresses water services road furniture by specifying requirements for cast iron covers and frames manufactured from flake graphite iron (grey iron) or spheroidal or nodular graphite (ductile iron) for:

- Fire hydrants;
- Meters;
- Air valves;
- Water meters;
- Sluice valves; and
- Stopcocks.

I.S. 261 does not detail requirements for gully tops and manhole tops. Requirements for these items of road furniture are addressed in I.S. EN 124.

2 Normative references

This Irish Standard incorporates by dated or undated reference, provisions from other publications. These normative 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 Irish Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

I.S. EN 1561, *Founding - Grey cast irons*

I.S. EN ISO 4014, *Hexagon head bolts - Product grades A and B*

I.S. EN ISO 7500-1, *Metallic materials – Verification of static uniaxial testing machines – Part 1: Tension/compression testing machines – Verification and calibration of the force-measuring system*

I.S. EN ISO 8752, *Spring-type straight pins – Slotted, heavy duty*

ISO 185, *Grey cast irons - Classification*

ISO 1083, *Spheroidal graphite cast irons – Classification*

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