



**NSAI**  
Standards

Standard Recommendation  
S.R. 12007-5:2016

Guidance on the application of I.S. EN 12007-5:2014, Gas infrastructure - Pipelines for maximum operating pressure up to and including 16 bar - Part 5: Service lines - Specific functional requirements

## S.R. 12007-5:2016

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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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## National Foreword

European gas infrastructure standards are functional standards that have been written to cover principles of gas infrastructure systems. These standards may be complemented by more detailed and/or stringent national standards, which have different scopes (e.g. larger scopes). Care should be taken that the complimentary national standards do not cause barriers to trade.

In its functional standards CEN/TC 234 establishes common safety principles to design, construct, operate and maintain safe and reliable gas infrastructure systems. It specifies the common appropriate principles, taking the form of: recommendations, requirements, and the recognised practices concerning design, construction, operation and maintenance, for the safety and integrity of gas infrastructure systems. This does not preclude the possibility of introducing detailed technical requirements/specifications providing consensus can be reached between the members of CEN/TC 234, such as precise physical limitations, pressure levels, temperature ranges, types of gas and relationships with codes of practice and/or national detailed standards or specifications.

The detail to comply with these principles is normally left to recognised national documents in support of national legislation. In the event of conflicts in terms of more restrictive requirements in the national legislation/regulation with the requirements of CEN/TC 234 standards, the national legislation/regulation takes precedence.

These detailed standards remain essential for compliance with national legal requirements and the safe understanding of many complex operations on gas infrastructure systems. There is an imperative need for the coexistence of CEN/TC 234 functional standards and/or national codes of practice and/or national detailed standards.

This Standard Recommendation (S.R.) incorporates the complete contents of I.S. EN 12007-5:2014. The requirements for service lines are contained within I.S. EN 12007-5 and users should adhere to all the requirements of this document. This S.R. contains additional requirements for certain Clauses where it is considered necessary to direct the user to additional local unique conditions and of certain legal obligations.

On publication this Standard Recommendation updates and supersedes I.S. 265:2000+A1:2014 as amended.

The additional requirements, applicable in Ireland, are detailed in the shaded boxes below the relevant clause/paragraph.

**IMPORTANT — Additional requirements applicable in Ireland are highlighted in shaded grey boxes in the relevant Clauses. Where the additional requirements are different than the requirements in I.S. EN 12007-5, the requirements in the shaded box take precedence.**

## Foreword

This document (EN 12007-5:2014) has been prepared by Technical Committee CEN/TC 234 "Gas infrastructure", the secretariat of which is held by DIN.

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 October 2014 and conflicting national standards shall be withdrawn at the latest by October 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

This European Standard is part of the series EN 12007 "Gas infrastructure — Pipelines for maximum operating pressure up to and including 16 bar" which comprises the following parts:

- Part 1 General functional requirements;
- Part 2 Specific functional requirements for polyethylene (MOP up to and including 10 bar);
- Part 3 Specific functional requirements for steel;
- Part 4 Specific functional requirements for renovation;
- Part 5 Specific functional recommendations of new service lines.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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