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Gas infrastructure — Implementation Guide for Functional Standards prepared by CEN/TC 234

Part 2: National Practices related to CEN/TC
234 standards

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National foreword

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Foreword

This document (CEN/TR 13737-2:2014) has been prepared by Technical Committee CEN/TC 234 "Gas Infrastructure", the secretariat of which is held by DIN.

This document supersedes CEN/TR 13737:2001.

CEN/TR 13737:2001 has been split into two parts:

- Part 1 "General" containing a description how to use functional standards, specifically CEN/TC 234 standards, in relation to existing legislation/regulation and more detailed codes of practices/technical rules.
- Part 2 "National pages related to CEN/TC 234 standards" containing information about the existing national legislation/regulation, codes of practice and technical rules in relation to the CEN/TC 234 standards..

Since 2001 some new CEN/TC 234 standards have been published. The extent of this CEN Technical Report has been adapted accordingly.

Introduction

At the start of the elaboration of functional standards a way had to be found to ensure compliance with the CEN internal regulations. For this purpose CEN/TC 234 prepared a "Position Paper - Acceptance of CEN/TC 234 Standards" (CEN/TC 234 Doc N 432:1997) which was endorsed by CEN/BT Resolution C14/1997. This Position Paper is incorporated in CEN/TR 13737-1.

The general relation between EN Standards and national standards and/or regulations is defined by CEN Internal regulations, as well as the application of European standards not implemented one-to-one. Both parts of this CEN technical report support the specific implementation of the CEN/TC 234 standards in the CEN member countries.

In its functional standards, CEN/TC 234 establishes common safety principles to design, construct, operate and maintain safe and reliable gas infrastructure systems. The detail to comply with these principles is 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 take precedence as illustrated in this part of CEN/TR 13737.

NOTE 1 The level of details of the CEN/TC 234 reflects the currently possible consensus.

In this CEN Technical Report national legislation/regulations in CEN Member countries are listed. CEN members established so-called national pages for each CEN/TC 234 standard. The list of CEN/TC 234 standards with titles is given in Clause 2.

The responsibility for availability and content of the national pages is assumed by the individual CEN member.

Although the CEN/TC 234 standards refer to CR 13737:2000 (or later editions) it should be emphasised that the latest available versions of CEN/TR 13737 parts 1 and 2 are valid.

NOTE 2 This CEN Technical Report gives the current situation at the date of publication. Considering that national legislation/regulations may have changed in the countries involved since that date it is up to individuals to check whether the information is still accurate.

The listing of legislation/regulations comprises all CEN/TC 234 standards. The structure of the document is following the numeric order of the reference numbers of the given standards.

The following table shows the cross-references between the CEN/TC 234 standards to facilitate the use of this document.

Table 1 — Structure of CEN/TC 234-Standards (horizontal relevance)

Procedure/ infrastructure element	EN 12732	EN 12327	EN 16348	TS 15399	TR 16395	TR 16388
EN 1594	X	X	X		X	X
EN 1775					X	X
EN 1776	X	X	X	X	X	X
EN 12007-1	(X)	X		X	X	X
EN 12007-2		X		X	X	X
EN 12007-3	X	X		X	X	X
EN 12007-4		X		X	X	X
EN 12007-5	X	X		X	X	X
EN 12186	X	X	X	X	X	X
EN 12279	X	X		X	X	X
EN 12583	X	X	X		X	X
EN 15001-1	X	X			X	X
EN 15001-2		X			X	X
EN 1918-1						X
EN 1918-2						X
EN 1918-3						X
EN 1918-4						X
EN 1918-5	(L)	(L)				X

NOTE 3 Due to the informative character, CEN/TR 16395 and CEN/TR 16388 are not subject to this CEN Technical Report.

1 Scope

This Technical Report contains, for each country affected, a national page where the relevant national legislation/regulations for the field of gas infrastructure are listed. The national page can further contain the relevant national standards and/or codes of practice and national bodies which can act as further sources of information, if an interested party needs further guidance.

The national page can, if necessary, indicate any requirements in the national legislation/regulations that are more stringent than those in the European Standards prepared by CEN/TC 234. This is done however without giving any details.

This does not apply to requirements contained in clauses that are harmonized to any new approach directive.

This Technical Report is intended to be a guideline for the national implementation of the functional European Standards elaborated by CEN/TC 234 "Gas infrastructure".

2 Normative References

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1594:2013, *Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements*

EN 1775:2007, *Gas supply - Gas pipework for buildings - Maximum operating pressure less than or equal to 5 bar - Functional recommendations*

EN 1776:1998, *Gas supply systems - Natural gas measuring stations - Functional requirements*

EN 1918-1:1998, *Gas supply systems - Underground gas storage - Part 1: Functional recommendations for storage in aquifers*

EN 1918-2:1998, *Gas supply systems - Underground gas storage - Part 2: Functional recommendations for storage in oil and gas fields*

EN 1918-3:1998, *Gas supply systems - Underground gas storage - Part 3: Functional recommendations for storage in solution-mined salt cavities*

EN 1918-4:1998, *Gas supply systems - Underground gas storage - Part 4: Functional recommendations for storage in rock caverns*

EN 1918-5:1998, *Gas supply systems - Underground gas storage - Part 5: Functional recommendations for surface facilities*

EN 12007-1:2012, *Gas infrastructure - Pipelines for maximum operating pressure up to and including 16 bar - Part 1: General functional requirements*

EN 12007-2:2012, *Gas infrastructure - Pipelines for maximum operating pressure up to and including 16 bar - Part 2: Specific functional requirements for polyethylene (MOP up to and including 10 bar)*

EN 12007-3:2000, *Gas supply systems - Pipelines for maximum operating pressure up to and including 16 bar - Part 3: Specific functional recommendations for steel*