

Status report

- EN on gas quality group H –

Madrid Forum, April 20th, 2015

CEN/TC 234 Gas infrastructure

Claus Meyer, Chair /Hiltrud Schülken, Secretary

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Scope

prEN 16726 “Gas infrastructure – Gas Quality Group H”

Scope - EN applicable to all parts of the gas chain

This European standard specifies gas quality characteristics, parameters and their limits, for gases classified as group H, that are to be transmitted, injected into and from storages, distributed and utilised.

Note: For information on gas families and gas groups see EN 437.

This standard does not cover gases conveyed on isolated networks.

For biomethane additional requirements indicated in prEN16723-1 apply.

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Content (1)

- **Sulfur (total, H₂S+CO₂, RSH, as S)**
 - no change
- **Odorants**
 - out of scope, national practices in informative annex
- **Methane number**
 - unchanged (65), revised calculation method in Annex
- **Oxygen**
 - addition of daily average

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Content (2)

- **Wobbe Index**
 - deleted from standard/reasons described in Annex
- **Variation of gas quality**
 - too premature to standardise/lack of experiences
- **Responsibilities and liabilities**
 - out of scope/statement in Introduction
- **Implementation**
 - according to CEN rules (6 month after availability)
and depending on national authorities

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Wobbe Index

Reasons for deletion of Wobbe Index from EN 16726:

- No consensus possible due to diverging positions of stakeholder groups and/or national standardisation bodies
 - narrow Wobbe range = minimise GQ variations
 - broad Wobbe range = allow max kinds GQs
- More experiences needed for evaluation of impact on gas residential and industry applications (Wobbe index range and variations)

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Wobbe Index

Diversing positions lead to:

- Suggestion of EU Commission to remove Wobbe index from 1st edition of EN 16726 (letter to CEN)
- Re-launch of enlarged Gas Quality Implementation Pilot, opened to all member states

CEN/TC 234 supports this approach and is ready to support the Pilot's work at its utmost.

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – Further steps

Time schedule:

- 05/2014 - 08/10/2014 Public consultation (ENQ)
- 12/2014 - 03/2015 ENQ Comments treatment
- 04/2015 - CEN/TC 234 Approval for Formal Vote
- 08/2015 - 09/2015 Formal Vote by CEN Members (2 month)
(yes/no vote, no technical comments)
- 12/2015 Publication as European Standard
- 03/2016 Latest national announcement
- 09/2016 Latest national publication

CEN/TC 234 „Gas infrastructure“ - H-Gas quality – National situations

Current version cause conflicts with national law in:

- **Germany**
- **Hungary**
- **The Netherlands**
- The deviations are described in a specific Annex according to the CEN Rules

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