



VOTE ON CANCELLATION OF ISO 20100

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Secretariat

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Circulated to P-members of the committee for voting on disbanding WG11 and cancellation of work item ISO 20100.

P-members of the technical committee or subcommittee concerned have an obligation to vote.

Background Information

ISO

20100

English title

Gaseous hydrogen – Fuelling stations

French title

Hydrogène gazeux – Stations de remplissage

Reasons for cancellation:

- This work item has been part of TC197 work program since 2003 – it was originally approved as a **Technical Report**. The mandate was later changed to pursue **International Standard**.
- The current convener (TC 197 chair at that time) was appointed in 2004 after the resignation of the original convener.
- The Working Group struggled with the scope and progress. As an interim step a Technical Specification was published in 2008, but with significant opposition. The work on the IS stumbled: timelines were pushed back and DIS was disapproved in August 2011. There were no communications between the convener and the WG since that time until November 29, 2012.
- The current timeline for IS publication is March 2013, which cannot be met.
- Our analysis of the situation, that did not include the WG convener, indicated that the main reason for the DIS disapproval was an attempt to standardize separation distances requirements, which caused numerous and unreconcilable disagreements among WG members. The convener failed to recognize that it would not be possible to reach consensus on this issue within the framework of an international standard.
- Continuing this work item in the same direction and scope is neither prudent nor responsible as the probability of failure is very high.
- Based on the above and in accordance with ISO Directives Part 1, 3rd Ed., 2012, Clause 2.1.7, “the committee responsible shall cancel the work item”.

Reasons to restart this work via a call for NWIP:

- This topic is very important in principle and the work within TC197 should continue to successfully develop a **technical report** for hydrogen service stations with focus on indoor and outdoor environments and best practices.

- To do that, a new work item should include the following:
 - Evidence-based and risk-informed approaches to separation distances
 - Refueling and communication protocols and options
 - Best practices for indoor and outdoor dispensing with coverage of regional experiences
- Consultation with relevant stakeholders indicated that they need guidance and guidelines and recommended choices of best practice options to guide local permitting and regulatory approval processes. This indicates that a consensus international technical report is an appropriate type of ISO document that would assist commercialization of hydrogen infrastructure.
- Restart of the WG will also help to renew leadership and membership participation in this important activity.

Recommendation:

- It is thus recommended by the chair and secretary to:
 - Cancel the existing work item ISO 20100 and disband WG11
 - Launch a call for NWIP to restart this work under new direction and scope as outlined above