



ISO/TC 197
Hydrogen technologies

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Item 7.4 WG 15 WG 21 WG 25 WG 26 TPD report - Hervé Bathélémy

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Background: Here is the file for item 7.4 presented by Hervé Barthélémy for WG 15 WG 21 WG 25 and WG 26 presented during Vancouver 2018 Plenary meeting.
Agenda is N 1035.

Committee URL: <https://isotc.iso.org/livelink/livelink/open/tc197>

ISO/TC 197
Report of TPD
“Production, Storage and Handling”

Hervé BARTHELEMY
Vancouver, December 2018

Working groups

- ISO/TC 197/WG 15 “Cylinders and tubes for stationary storage”
- ISO/TC 197/WG 21 “Gaseous hydrogen fueling station compressors”
- ISO/TC 197/WG 25 “Hydrogen absorbed in reversible metal hydride”
- ISO/TC 197/WG 26 “Hydrogen generators using water electrolysis”

ISO/TC 197/WG 15 “Cylinders and tubes for stationary storage”

Convenor Laurent Allidières (France)

Last & next meetings Last meeting: September 14th, 2017 - Next meeting: No need

WI under study and progress:

ISO/FDIS 19984 “Gaseous hydrogen – Cylinders and tubes for stationary storage” – under Vienna Agreement (ISO lead)

The DIS ballot ended on May 11th, 2018 and was approved.

11 members approved the DIS and 5 members disapproved (Canada, Italy, Japan, UK and USA) Note: At CEN level, the draft was also approved.

The TC 197 leadership asked the convenor to verify, before proceeding to FDIS, that there was enough support to have a successful FDIS ballot.

Following, the proposed treatment of the comments made by the convenor, Italy notified that they would be able to support the new draft. No other country notified the convenor of having an intention to change their vote.

Therefore, the draft has been sent to ISO/CS to proceed with FDIS enquiry. The FDIS enquiry should open shortly.

Issues to be raised at ISO/TC 197 level: No issue at this point.

ISO/TC 197/WG 21 “Gaseous hydrogen fueling station compressors”

Convenor Karen Quackenbush (USA)

Last & next meetings Last meeting: November 10/11th, 2016 - Next meeting: December 3rd, 2018

WI under study and progress:

Part 4 of ISO 19880 “Gaseous hydrogen – Fueling stations – Part 4: Compressors”

The project was on-hold and is being restarted during the week of 2018 plenary meeting based on the progress made on ISO 19880-1.

Issues to be raised at ISO/TC 197 level:

- In accordance with resolution taken at 2016 plenary meeting, restart the project of Part 4 officially according to recommendation given by WG 21 during the meeting of December 3rd, 2018.
- Status of this WI (PWI, AWI, CD, etc.)?

ISO/TC 197/WG 25 “Hydrogen absorbed in reversible metal hydride”

Convenor Dominique Perreux (France)

Last & next meetings Last meeting: September 2017 - Next meeting: No need

WI under study and progress:

- ISO 16111 “Transportable gas storage devices – Hydrogen absorbed in reversible metal hydride” The standard has been published.
- ISO/CD TR 16113

The possibility of continuing the work on an ISO/TR 16113 to give a frame for applications excluded from the scope of ISO 16111 has been discussed within WG 25.

For the WG members, having such a TR does not seem necessary now as the other applications are minor and national regulation fills these points.

Issues to be raised at ISO/TC 197 level:

- Cancellation of ISO/CD TR 16113
- Consideration of disbanding WG 25

ISO/TC 197/WG 26 “Hydrogen generators using water electrolysis”

Convenor Lawrence Moulthrop (USA)

Last & next meetings Last meeting: November 18th and November 26th, 2018

WI under study and progress:

ISO/DIS 22734 “Hydrogen generators using water electrolysis process – Industrial, commercial, and residential applications”

The DIS ballot ended in May 2018.

WG 26 treated the comments to prepare FDIS ballot. **The draft FDIS will be recirculated to WG 26 members.**

Issues to be raised at ISO/TC 197 level:

No issue at this point

End of presentation

Thank you for your attention