



ISO/TC 197  
Hydrogen technologies

Email of secretary: [jonathan.lafontaine@bnq.qc.ca](mailto:jonathan.lafontaine@bnq.qc.ca)  
Secretariat: SCC (Canada)

**Text of resolutions approved during the ISO TC 197 Plenary Meetings of Dec 6th and 7th in Vancouver, Canada.**

Document type: Resolution

Date of document: 2018-12-07

Expected action: COMM

Action due date: 2019-01-01

Background: Here is the text of all resolutions ready during the Dec 6th and 7th in Vancouver, Canada.  
Please signal any issues before Jan 1st 2019 - this date is firm.

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

## Draft Resolutions

Taken during the 27<sup>th</sup> plenary meeting of ISO/TC 197 on December 6-7, 2018 in Vancouver, British Columbia, Canada

### Resolution 435:

ISO/TC 197 agrees to establish a drafting committee for this 27<sup>th</sup> Plenary Meeting as follows:

- Ms. Karen Quackenbush (United States)
- Mr. Frédéric Solbes (France)
- Mr. Jim Ferrero (Canada, former Secretary of ISO/TC 197)

### Resolution 436:

ISO/TC 197 approves the Report of the 26th Plenary Meeting of ISO/TC 197 held in Foshan, China, on December 7-8, 2017

### Resolution 437:

ISO/TC 197 agrees to extend the work of WG 5 to work toward the next revision and agrees to limit the focus to H70 high flow. A formal call for additional members will take place in order to have this task started in 2019

### Resolution 438:

ISO/TC 197 agrees to extend the work of WG 18 to focus on technical comments which were put on hold, and incorporate Type 3 designs, and to work on harmonization with UN GTR 13 Phase II. A formal call for additional members will take place in order to have this task started in 2019.

### Resolution 439:

Being as ISO 19880-3 has been published, ISO/TC 197 thanks WG 20 experts, its convenor (Professor Watanabe) and its secretary (Yuko Yasutake), and agrees to disband WG 20.

### Resolution 440:

ISO/TC 197 agrees to extend the work of WG 22 to focus on the technical comments which were put on hold, and to work on harmonization with the ISO 19880 family of documents. A formal

call for additional members will take place in order to have this task started in 2019.

**Resolution 441:**

Being as ISO 19880-1 is almost ready for FDIS // ISO 19880-1 being ready for FDIS and the technical comments being resolved, ISO/TC 197 thanks WG 24 experts and its leadership (Guy de Reals, Glenn Scheffler, Nick Hart and Jay Keller), and agrees to disband WG 24 upon submission of the FDIS to ISO.

**Resolution 442:**

Being as ISO 19884 has been submitted for ISO 19884 being submitted to FDIS, ISO/TC 197 thanks WG 15 experts and its leadership (Laurent Allidieres and Hervé Barthélémy), and agrees to disband WG 15 upon submission of the FDIS to ISO.

**Resolution 443**

ISO/TC 197 approves the WG 25 Convenor's request to cancel ISO/TR 16113 for the time being, and ISO 16111 being published thanks the WG 25 experts and its convenor (Dominique Perreux), and agrees to disband WG 25.

**Resolution 444:**

ISO/TC 197 approves the new title of ISO 22734 to read "Hydrogen generators using water electrolysis".

**Resolution 445:**

ISO/TC 197 thanks WG 26 experts and its convenor (Larry Moulthrop), and agrees to disband WG 26 upon submission of the FDIS to ISO.

**Resolution 446:**

ISO/TC 197 agrees to extend the convenorship of WG 27 convenors Yasuo Takagi and Osamu Tajima for three years, until 31 December 2021.

France abstains.

**Resolution 447:**

ISO/TC 197 agrees to extend the work of WG 27 to focus on technical emerging market needs identified by experts for a future revision.

France abstains.

**Resolution 448:**

ISO/TC 197 thanks WG 28 experts, its convenor (Hindori Tomioka) and its secretary (Spencer Quong), and agrees to continue the work of WG 28 to focus on modifications based on the new version of ISO 14687 for a future revision. A formal call for additional members will take place.

**Resolution 449:**

ISO/TC 197 extends the convenorship of WG 28 convenor Hindori Tomioka for three years, until 31 December 2021.

**Resolution 450:**

ISO/TC 197 approves the initiation of a PWI on Safe Use of LH2 in Non-Industrial Settings, with Thomas Jordan, KIT, PRESLHY, serving as Project Leader.

**Resolution 451:**

ISO/TC 197 approves the initiation of a PWI on Hydrogen in Energy Systems - Vocabulary, with Nick Hart, ITM Power, serving as Project Leader, with CEN-CLC/JTC 6, as a reverse Vienna Agreement project on terms and definitions, conditional on CIB approval of non-CEN members of ISO/TC 197.

Germany disapproves.

**Resolution 452:**

ISO/TC 197 confirms the composition of its Permanent Editing Committee. The members are comprised of:

- Ms. Karen Quackenbush, United States
- Mr. Jim Ferrero, Canada
- Mr. Jonathan Lafontaine, ISO/TC 197 Secretary

**Resolution 453:**

ISO/TC 197 thanks Prof MAO for his service as ISO/TC 197 Vice-Chair representing developing countries.

**Resolution 454:**

ISO TC197 resolves to set a Twinning arrangement between SCC Canada and SAC China to enable a new Vice Chair. While Andrei Tchouvelev continues his term as Chair, TC197 proposes Zheng Jinyang to serve as the vice chair until December 31, 2021, under an updated Twinning agreement, once the arrangement is approved by the Technical Management Board.

**Resolution 455:**

ISO/TC 197 accepts with gratitude the invitation from France to hold the next ISO/TC 197 meetings from December 9-13, 2019

**Appreciation:**

ISO/TC 197 thanks our hosts, CSA Group for hosting the meetings, for generously providing the meeting space for the working group and plenary meetings, as well as the Strategic Planning Meeting; and for their generous contributions as a sponsor for lunches and social events. We wish to extend our sincere appreciation for all the hard work of Debbie Chesnik, Brent Hartman, Sara Marxen, Craig Webster and Joe Wong, as well as CSA's Andrea Walczyszyn, from Toronto. We also thank CSA Group's Langley B.C. laboratory for inviting the ISO/TC 197 attendees to tour their hydrogen test lab, and Colin Armstrong from Hydrogen Technology & Energy Corporation (HTEC), for supporting the transportation for the tour.

And finally, ISO/TC 197 thanks Jim Ferrero, former TC 197 Secretary, for his volunteer efforts in assisting with planning and smooth conduct of the meetings this week.

Note: This event was made possible by a financial contribution from Natural Resources Canada.

Acclamation by ISO/TC 197.