



ISO/PC 252
Natural gas fuelling stations for vehicles

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Resolutions 7th meeting
Madrid, Spain – 3-5 November 2014
UNANIMOUSLY APPROVED

Resolution 14/2014 (Madrid) – Adoption of the agenda

ISO/PC 252 adopts the revised draft agenda (N 143) for the seventh meeting without modification.

Resolution 15/2014 (Madrid) – Drafting committee

ISO/PC 252 appoints the following delegates to the resolutions drafting committee to assist its Secretary:

- Diego Goldin (NGV Global);
- Mark Epp (Canada);
- Steven Lua (United Kingdom).

Resolution 16/2014 (Madrid) – Secretary report

ISO/PC 252 accepts the report of Secretariat (N 141) and thanks the Secretary for his explanation at the meeting.

Resolution 17/2014 (Madrid) – WG 1 progress report

ISO/PC 252 accepts the oral progress report of Working Group 1 'CNG stations for fuelling vehicles' given by Diego Goldin.

Resolution 18/2014 (Madrid) – WG 2 progress report

ISO/PC 252 accepts the oral progress report of Working Group 2 'LNG stations for fuelling vehicles' given by Václav Chrz.

Resolution 19/2014 (Madrid) – Internal liaisons reports

ISO/PC 252,

- accepts the liaison reports by ISO/TC 193 (N 138) and CEN/PC 408 (N 139);
- thanks Diego Goldin for his report of the ISO/TC 22/SC 25 activities, Václav Chrz and Brenda Smith for their report of the ISO/TC 67/WG 10 and ISO/TC 220 activities, Jarno Dakhorst for his report of ISO/TC 197 activities, Erik Büthker for his report on the ISO/TC 255 en CEN/PC 408, and Martin Seifert for his report of the CEN/TC 326 activities.

Resolution 20/2014 (Madrid) – Hydrogen fuelling stations

ISO/PC 252,

- noting the development of ISO/TR 19880, *Gaseous hydrogen — Fuelling stations* to be transformed to an International Standard at the second phase;
- expressing the wish that this document should be aligned with ISO 16923 and ISO 16924;
- requests its Secretariat to liaise with ISO/TC 197 and ISO/TC 197/WG 24 to share the ISO/PC 252 approach and encourage them to adopt this approach;
- conditionally appoints Erik BÜthker as liaison officer.

Resolution 21/2014 (Madrid) – External liaisons reports

ISO/PC 252,

- accepts the liaison reports by NGV Global (N 144) and OIML (N 140);
- thanks Diego Goldin for his further explanation of the NGV Global activities and Kilian Stern for his further explanation of OIML.

Resolution 22/2014 (Madrid) – OIML recommendation for measuring systems for LNG

ISO/PC 252,

- noting that the first working draft of OIML R81, *Dynamic measuring devices and systems for cryogenic liquids* explicitly excludes measuring systems used for the measurement of LNG in the scope;
- noting that the second committee draft of OIML R117, *Dynamic measuring systems for liquids other than water — Part 2: Metrological controls and performance tests* includes LNG, but the corresponding Annex L covering measuring system for LNG is still left blank;
- noting the need expressed by the industry for establishing the requirements for LNG dispensers;
- requests NGV Global to raise this matter at OIML and encourage them to address measuring systems for LNG, corresponding to LNG dispensers, as soon as possible.

Resolution 23/2014 (Madrid) – Alignment committee

ISO/PC 252,

- noting the substantial comments submitted related to lack of alignment during the ISO/DIS 16923 and ISO/DIS 16924 ballot;
- agrees upon the common structure and section heading for aligning both standards as presented in N 145;
- decides to establish an alignment committee consisting of Erik BÜthker and Mark Epp for ISO 16923 and Philippe Fauvel and Steven Lua for ISO 16924 to restructure the documents in accordance with the common structure.

Resolution 24/2014 (Madrid) – Editing committee

ISO/PC 252,

- noting the substantial comments submitted related to terminology and language during the ISO/DIS 16923 and ISO/DIS 16924 ballot;
- decides to establish an editing committee consisting of Mark Epp, Diego Goldin, Steven Lua, Brenda Smith and the Secretary;
- requests the editing committee to thoroughly edit both ISO 16923 and ISO 16924 to improve language, ensure consistent use of terminology in both documents and remove duplications or unnecessary explanations.

Resolution 25/2014 (Madrid) – Next steps for ISO 16923 and ISO 16924

ISO/PC 252 confirms the following deadlines to prepare ISO/DIS 16923.2 and ISO/DIS 16924.2:

- 2014-11-19: “Madrid versions” of ISO 16923 and ISO 16924 available;
- 2014-12-17: Alignment committee finished work;
- 2015-01-07: WGs finished review of alignment;
- 2015-04-07: Editing committee finished work;
- 2015-05-07: WGs ‘approved’ submission of documents for ballot (WGs will receive both documents);
- 2015-05-15: Submission to ISO/CS.

Resolution 26/2014 (Madrid) – New work items

ISO/PC 252,

- reconfirms the support to develop standards on 'home refuelling appliances', 'self contained compression, storage and dispensing', and 'on-site LNG production (nano-scale liquefiers)';
- requests NGV Global to prepare draft new work item proposals for discussion at the next plenary meeting.

Resolution 27/2014 (Madrid) – Transforming PC to TC

ISO/PC 252,

- noting the possible adoption of three new work items to the work programme;
- considering the pros and cons of either transforming the project committee to a technical committee or to allocate the new work items to another technical committee;
- favours to transform the project committee to a technical committee if the new work items are approved.

Resolution 28/2014 (Madrid) – Subsequent meeting

ISO/PC 252 decides to have its next plenary meeting in the week commencing on 16 November of 2015 and welcomes the offer from the USA to organize this meeting.

Resolution 29/2014 (Madrid) – Considerations

The host of this meeting, gasNatural fenosa, and Esteban Pajares and Miguel Fontova are warmly thanked for their support during the meeting.