



ISO/TC 197
Hydrogen technologies

Email of secretary: jim.ferrero@bnq.qc.ca
Secretariat: SCC (Canada)

ISO TC 197 WG 5 Report - Torrance

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Background: This is a presentation from the 2015 plenary meeting in California.

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PROGRESS REPORT

ISO TC 197/TC 22/Joint WG 5

Gaseous hydrogen land vehicle refueling connection devices (ISO 17268:2012)

Toyota Motor Engineering & Manufacturing North America, Inc.

Torrance, CA

December 3, 2015

- WG 5 meeting at Staubli in Annecy, FR held on Oct. 7, 2015 had 14 members in attendance representing Canada, USA, France, Germany, The Netherlands, Japan.
- WG 5 meeting at Toyota in Torrance, CA held on Nov. 30, 2015 had 10 members in attendance representing Canada, USA, Japan.
- WG 5 reviewed comments to ISO 17268:2012 with the identification of a few critical outstanding issues that need further work (deliverables due Feb. 19, 2016):
 - Input from Japan on proposed vehicle receptacle envelope
 - Input from OEMs such as Daimler on H35HF receptacle profile
 - Input from JARI on new freezing test
 - Input from Japan on new user abuse test
 - Input from USA for additional language for communication hardware
 - Input from Japan for changes to misconnected nozzle test
 - Input from USA for revised section 7.5
- WG 5 would like to request a scope change to include “communication hardware” in section 1.
- WG 5 accepted recommended changes (per ISO 19880-1) to nozzle and receptacle pressure cycling to include 10 hydraulic pressure cycles to 1.5X NWP.
- Next meeting scheduled for Feb. 29, 2016 at the CSA offices in Tokyo.