

**National Hydrogen and Fuel Cell Codes and Standards Coordinating Committee  
(NHFCCSCC)**

**Wednesday, April 2, 2014  
TIME: 3:00 – 4:30 pm (Eastern Daylight Time)**

**Minutes**

**Attendees**

**Bill Collins  
Bob Boyd  
Connor Dolan  
Dave Farese  
Jesse Schneider**

**Juana Williams  
Karen Hall  
Kelvin Hecht  
Mike Steele  
Norm Newhouse**

**Robert Davidson  
Spencer Quong  
Steve Tucky  
Tommy Rockward**

**1 Welcome and Housekeeping Items**

Review of anti-trust guidelines -

[http://www.fchea.org/core/import/PDFs/ANTITRUST\\_GUIDELINES.pdf](http://www.fchea.org/core/import/PDFs/ANTITRUST_GUIDELINES.pdf)

Meeting agenda approved.

March draft minutes approved.

**2 DOE/HQ Update**

Will James

No update at this time.

**3 C&S Events and Fuel Cell Safety Information**

[http://www.fuelcellstandards.com/calendar\\_new.html](http://www.fuelcellstandards.com/calendar_new.html)

Kelvin Hecht

<http://www.hydrogenandfuelcellsafety.info/meetings.asp>

Karen Hall

ISO TC 197 WG 21, 22, and 23 meeting in Washington, D.C. the week of June 23<sup>rd</sup>.

**4 Codes and Standards Organization Updates**

**IEC TC 105**

**Kelvin Hecht**

No additional information to report at this time.

**ISO TC 197**

**Jill Thompson**

We discussed in the context of the calendars all of the upcoming working group meetings. In particular, WG 24 keeping with aggressive schedule to put together document by end of the year.

**NFPA 2****Susan Bershad**

The first draft report is now available for public comment, available on the NFPA website. April 11<sup>th</sup> is the deadline to submit comments via paper, online submission has until May.

**NFPA 853****Karen Hall**

Waiting for report out from meeting.

**ICC****Robert Sale /  
Bob Davidson**

They have their green construction code hearings coming up in April in Memphis. Health and Safety items – series of changes in Chapter 1 for scoping. The Green Code is an overlay code, intended to be used as a building fire code, do not usurp requirements in other codes. Series of proposals to tinker with that language, some of which could eliminate it.

**CSA****Steve Tucky**

Presentations available online at <http://www.fchea.org/core/import/NHFCCSCC/CSA-2014.03.26.pdf>.

**HDTA Status Update****Ken Loewenthal**

Open invitation for industry partners to help validation of protocol still live.

**UL****Laurie Florence**

No report at this time.

**SAE****Mike Steele  
Jesse Schneider**

J2799 – undergoing motor vehicle council vote, ends April 6. No negative votes at present. After that vote ends, goes to publications.

J2601 – Finishing up formatting. Next stop is Motor Vehicle Council vote, likely late April / May. 28-day voting period.

**ASTM****Tommy Rockward**

ILS775 – GC mas spec measurements of nitrogen, oxygen, CO2, water, and hydrogen fuel. Participants selected. Cylinders have shipped. Working on data report for filing. Will send out to ILS participants and ASTM.

## 5 Discussion Topics

### Facilitating Deployment

Carl Rivkin

6 years ago or so, DOE put on a series of workshops for code officials. They were very helpful, relied largely on permitting guide developed. Part of the process for this Facilitating Deployment activity is cleaning up this guide for the next series of workshops being planned.

### Regulatory Matrix Review and Comment

Karen Hall

Comments can be submitted to Karen Hall at [khall@fchea.org](mailto:khall@fchea.org).

### Permitting and Installation of Hydrogen Fueling Stations

#### CAFCP Station Implementation

Jennifer Hamilton

No report at this time.

#### Ca DMS Metrology

Norman Ingram

No report at this time.

#### Ca DMS Fuel Quality

Ron Nies

No report at this time.

#### SAE J2601 Compliance

Jesse Schneider

In the May timeframe, DOE/NEDO/NOW workshop will be held. Will discuss status of hydrogen fueling standard and how it will be validated. Will include HYSUT, Germany, and the United States.

#### Legal Metrology Standards Hydrogen Fuel Quality and Measurement

Juana Williams

No report at this time.

## 7 Open Discussion & Other Issues

Next meeting to be held on Wednesday, May 14<sup>th</sup> at 3:00 PM Eastern.