

MEETING MINUTES
D03.14 Hydrogen and Fuel Cells
 Anaheim, Ca
 December 7-9, 2009
 Submitted to NHFCCSCC

KEY DATES

January 15, 2010 work items submitted for sub-committee ballot
March 5, 2010 work items submitted for main-committee ballot
 These dates in order to publish by June 2010

WORK ITEM UPDATES

Work Item	Title	Update	Date expected to ballot
4548	Standard Test Method for Determination of Trace Contaminants in Hydrogen and Related Fuel Cell Feed Gases	Funded to submit draft for CO ₂ , moisture, Ar, O ₂ , and N ₂	15-Jan
5847	Standard Practice for Sampling of High Pressure Hydrogen and Related Fuel Cell Feed Gases	Addressing 2 comments and 1 negative before <i>publish</i>	Publish pending
6527	Standard Test Method for Ion Selective Electrode Based Determination of Ammonia in Hydrogen and Other Fuel Cell Feed Gases	No update	Unknown
6624	Standard Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Hydrogen and Other Fuel Cell Feed Gases	No update	Unknown
9211	Standard Test Method Ion Chromatography Based Determination of Cations in Hydrogen and Other Fuel Cell Feed Gases	Official item: D7550-09	Published
9688	Standard Test Method for Sampling of Particulate Matter in High Pressure Hydrogen used as a Gaseous Fuel with an In-Stream Filter	Addressing 1 negative before <i>main committee</i> ballot	5-Mar
10196	Standard Test Method for Determination of Ammonia and Trace Water in Hydrogen and Other Gaseous Fuels by Infrared Spectroscopy	Initiated draft with co-author FTIR expert	15-Jan
21162	Standard Test Method for the Characterization of Particles from Hydrogen Fuel Streams by Scanning Electron Microscope	Draft pending	N/A
21597	Standard test method for microscopic measurement of particulates in hydrogen fuel	Address 4 comments before <i>main committee</i> ballot	5-Mar
21611	Standard test method for gravimetric measurement of particulates in hydrogen fuel	Addressing 1 negative before <i>main committee</i> ballot	5-Mar
22378	Determination of Total Hydrocarbons (C1 basis) in Hydrogen by Total Hydrocarbon Analyzer (THC)	Addressing 3 negatives, 2 comments before <i>main committee</i> ballot	5-Mar

23815	Determination of Total Halocarbons contained in Hydrogen and other gaseous fuels	Addressing 2 negatives, 4 comments before <i>main-committee</i> ballot	5-Mar
24073	Standard Test Method for Determination of Trace Hydrogen Sulfide, Carbonyl Sulfide, Methyl Mercaptan, and Carbon Disulfide in Hydrogen Fuel by Gas Chromatography and Sulfur Chemiluminescence Detection	Address 1 negative and 1 comment before <i>sub committee</i> ballot	15-Jan
None	Standard Practice for the Determination of Carbon Monoxide, Formaldehyde, Ammonia and Other Trace Substances in Hydrogen Fuel Streams by Laser Based Spectrometric Methods	No update – waiting on funding	N/A
None	Field Sampling Apparatus	Update end of February	N/A
None	Vehicle Fueling Interface Surface Particulate Matter	Seeking author	N/A

DISCUSSION and DECISIONS

- New work item being initiated for PDH-ID as alternative method to 4548, including CO, CO₂, Ar, N₂, and O₂