

Hydrogen Purity Specifications

Workshop Held April 26

- DOE Hydrogen Codes and Standards Coordinating Committee
- Purpose
 - gain a better understanding of who is doing what in developing fuel purity guidelines and standards in terms of objectives, definitions, scope, timetable, and participants
 - develop a rough work breakdown structure of the fuel purity issue for the total "fuel cycle" for which purity requirements must be defined, including
 - levels or tiers required for fuel purity corresponding to each segment of the fuel cycle
 - criteria to develop technically sound and economically viable guidelines or standards
 - R&D needed to define the levels of purity appropriate for each level or tier
 - timetable for the guidelines and standards
 - rough budget for R&D and guideline/standard development
 - cost of analysis to ensure appropriate purity level at each segment of the fuel cycle

Activities

- ISO TC197
 - JARI
 - ENAA
 - USFCC
 - FCCCJ
 - U of HAWAII
 - SAE
 - CGA
 - ASTM
 - CaFCP
 - FreedomCAR
 - C&S Tech Team
- Addison Bain
Shogo Watanabe
Kazuo Koseki
Bill Collins, UTCFC
Hideaki Akamatsu
Rick Rocheleau
Stella Papasavva, GM
Roger Smith
Tony Estrada, PG&E
Jesse Schneider, DCX
Walt Podolski, ANL
Brad Smith, Shell Hydrogen

Meeting Agenda

- On-going and planned work; coverage, overlaps, opportunities to link work
- Chart of who is doing what, roles and responsibilities
- Problem definition
- Mini-template for Fuel Purity Guidelines/Specifications
- R&D Needs
- Tasks
- R&D Plan Outline
- Timetable
- Budget
- Action Items, next steps