

SUMMARY REPORT: ISO/TC197 PLENARY MEETING HELD IN MONTECATINI TERME, ITALY ON NOVEMBER 8, 2007

REPORTER: Karen Hall (NHA)

1. Using ISO and IEC standards
 - a. It may be possible to use SAE documents to be referenced in Global Technical Regulations (GTRs). We are working with ANSI and SAE to clarify whether ANSI-approved SDOs, such as SAE, qualify directly, or whether the document in question must be adopted formally by ANSI first.
2. Karen Hall and Sylvie Gingras continue to serve on the drafting committee.
3. Membership: 21 participating (P) countries including recent additions of China and India, and 9 observing countries.
4. WG#9: Hydrogen Generators Using Fuel Processing
 - a. Part 1 on safety has been issued.
 - b. DIS text on part 2 for performance was drafted. Will go for FDIS in November 2008.
5. WG#5: Hydrogen connectors for vehicles
 - a. Working on the 70MPa design types now.
 - b. Target CD in August 2008
6. WG#6: Hydrogen tanks
 - a. It appears that a third DIS may be issued for vote. There is likely to be some revisions prior to the vote to take care of some problems pointed out by the previous vote.
7. WG#8: Hydrogen generators using water electrolysis process
 - a. Target FDIS for Part 1- industrial and commercial applications in 2008-02.
 - b. Target DIS for Part 2 - residential in 2008-06.
8. WG#10: Metal hydride storage devices
 - a. Target FDIS in 2008-04 for UN meeting in September.
9. WG#11
 - a. Target TS for 2008-03
 - b. Target CD in 2008-09
10. WG#12: Hydrogen fuel quality
 - a. Part 2 for PEM fuel cells will be published independent of what happens for Part 1.
 - b. Target CD in 2008-04.
11. WG#13: Hydrogen detectors.
 - a. Target DIS in 2008-05.
 - b. Approved name change to “hydrogen detection apparatus”.
 - c. Minor change to scope to allow “single” as well as “multi-level” alarms was also accepted.

12. Work priorities:

- a. ISO 15594:2004 on Airport Fuelling is under review until December 17. No one has yet identified anyone who uses this document!
- b. ISO 14687-1 was published. Systematic review resulted in this becoming a preliminary work item (with no specific date for start or finish). The existing WG 12 convenor from Japan was asked to consider if there is interest, and replying to Randy within 6 months.

13. New work items

- a. No NWIPs were submitted by the member countries.
- b. The Chairman suggested ground composite tanks.
- c. The Chairman also suggested a systems-level document on vehicular hydrogen storage systems. He pointed out that he will work with TC22 and TC58. A meeting will be called within a few months by the Chairman.

14. Liaisons:

- a. ISO 16528 provides a method for national boiler and pressure vessel codes to conform to an internationally-accepted standard.
- b. IEC TC31 for equipment for explosive atmospheres has indicated cooperation on 60079 -10-1 and on hydrogen detectors.
- c. EIGA (European Industrial Gas Association) added as a Category D liaison with WG11.

15. Subsequent meetings:

- a. June 15-19, 2008, in Brisbane, Australia in conjunction with the WHEC
- b. Korea in 2009