

**Agenda Proposal For the
5th Meeting of the Subgroup on Safety (SGS)
of Hydrogen-/Hydrogen Fuel Cell Vehicles**

Budapest - Hungary
19-21 January 2009

Place: KTI Institute for Transport Sciences Nonprofit Ltd.
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Schedule: Monday, 19 January 9:30 – 18:00
Tuesday, 20 January 9:30 – 18:00
Wednesday, 21 January 9:30 – 18:00

NB: Video equipment and wireless internet connection available

AGENDA

1. Welcome and Introductions

2. Logistical Arrangements

- 2.1 Meeting arrangements
- 2.2 Evening arrangements

3. Approvals

- 3.1 Minutes/decisions of the 4th Meeting

4. Reports of UN Activities

- 4.1 44th Session of GRSP (December 2008)
- 4.2 146th Session of WP.29 (November 2008)

5. Reports of other activities

- 5.1 National/Regional
- 5.2 ISO/SAE

6. Discussion of Key Items for HFCV GTR

6.1 Definitions

- 6.1.1 Discuss the comparison of definitions

6.2 Fuels System Integrity

In-use

- 6.2.1 PRD discharge direction
 - Do we have a general agreement?
 - Test procedure
- 6.2.2 Leakage limit for enclosed areas within the vehicle
 - Discussion of OICA's paper on test procedures
 - Current industry requirements/practices
 - Verification of the main shut-off valve and detection system's operability
- 6.2.3 Leakage limit for exhaust outlet
 - Have we determined that there are no major concerns? If so, what are they?
 - Japan's test procedure?
 - Detection system?
- 6.2.4 Telltale
 - General agreement reached that we will require warning – Need to set warning parameters such as within the field of view of the driver for visual and certain loudness for audible.

Post-crash

- 6.2.5 Leakage limit for post-crash
 - Discussion of the SAE-Japan proposal for test procedures
 - Need to decide fuel type – do we use hydrogen or helium as surrogate?

6.3 Presentation of Proposals from Japan and Germany

6.4 Storage System

- Transport Canada and NHTSA localized flame impingement test
- OICA Proposal
- SAE cumulative life cycle test

7. Electric Safety

7.1 Report on November 2008 Meeting by ELSA Chairman Mertens

7.2 Discussion

8. Miscellaneous Administrative Items

8.1 Review of Action Items from the 4th meeting

8.2 Approval of the Decisions-Action Items of the 5th Meeting

8.3 Next Meeting

8.4 Other Issues