

## **Agenda Proposal**

### **5<sup>th</sup> 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

Video equipment available

## **AGENDA**

- 1. Welcome and Introductions**
- 2. Logistical Arrangements**
- 3. Approvals**
  - 3.1 Minutes/decisions of the 4th Meeting
- 4. Reports of UN Activities**
  - 4.1 44th Session of GRSP (January 2009)
  - 4.2 146<sup>th</sup> 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**

### 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 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?

### 6.2.5 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.

## **6.3 Storage System**

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

## **7. Electric Safety**

7.1 Report on November 2008 Meeting of ELSA

7.2 Discussion, if needed

## **8. Miscellaneous Administrative Items**

8.1 Review of Action Items from the 4<sup>th</sup> meeting

8.2 Approval of the Decisions-Action Items of the 5<sup>th</sup> Meeting

8.3 Next Meeting

8.4 Other Issues