

SGS 3 - 10

Draft structure of HFCV GTR

15.5.2008

Technical Requirements for Hydrogen-Storage-Systems, Hydrogen-Leakage and Electric Safety of Hydrogen-/Fuel Cell Vehicles

A. Justification and technical rationale

1. Introduction
2. Procedural background
3. Existing regulations, directives, and international voluntary standards
 - 3.1. Storage-system
 - 3.2. Vehicle fuel system integrity
 - 3.3. Electric safety
4. Technical rationale, economic impacts, and anticipated benefits
 - 4.1. Storage-systems
 - 4.2. Vehicle fuel system integrity
 - 4.3. Electric safety

B. Text of the regulation

- [1. Purpose] *<if existing, covering all three key areas>*
- [2. Application / Scope] *<if existing, covering all three key areas>*
- [3. Definitions] *<if existing, covering all three key areas>*
- [4. General requirements] *<if existing, covering all three key areas>*

I. Storage system provisions

1. Scope and Purpose
2. Application
3. Definitions
4. General Requirements
5. Performance Requirements

6. Test conditions and procedures
7. Annexes

II. Vehicle fuel system integrity provisions

1. Scope and Purpose
2. Application
3. Definitions
4. General Requirements
5. Requirements and test procedures - in-use
 - 5.1. Performance requirements
 - 5.2. Test conditions and procedures
6. Requirements and test procedures - post crash
 - 6.1. Performance requirements
 - 6.2. Test conditions and procedures
7. Annexes

III. Electric safety

1. Scope and Purpose
2. Application
3. Definitions
4. General Requirements
5. Requirements and test procedures - in-use
 - 5.1. Performance requirements
 - 5.2. Test conditions and procedures
6. Requirements and test procedures - post crash
 - 6.1. Performance requirements
 - 6.2. Test conditions and procedures
7. Annexes