

Proposal of amendment to ECE/TRANS/WP.29/GRSP/2014/8 (Proposal by European Commission and OICA of Draft Regulation on hydrogen and fuel cell vehicles)

I. Proposal

Proposal, amend to read:

"Proposal for a new Regulation on hydrogen ~~and~~ fuel cell vehicles"

Title, amend to read:

"Draft Regulation on hydrogen ~~and~~ fuel cell vehicles"

Contents, amend to read:

"Uniform provisions concerning the approval of motor vehicles and their components with regard to the safety-related performance of hydrogen ~~fuelled~~ **fuel cell** vehicles

Annexes 1

Part 1 Model I - Information document No ... on the type approval of a hydrogen storage system with regard to the safety-related performance of hydrogen ~~fuelled~~ **fuel cell** vehicles

Model II - Information document No ... on the type approval of specific component for a hydrogen storage system with regard to the safety-related performance of hydrogen ~~fuelled~~ **fuel cell** vehicles

Model III - Information document No ... on the type approval of a vehicle with regard to the safety-related performance of hydrogen ~~fuelled~~ **fuel cell** vehicles"

1. Scope, amend to read:

"1.1. Part I - Compressed hydrogen storage systems for hydrogen ~~fuelled~~ **fuel cell** vehicles on their safety-related performance."

"1.3. Part III - Hydrogen ~~fuelled~~ **fuel cell** vehicles of category M and N incorporating compressed hydrogen storage system on its safety-related performance."

2. Definitions, amend to read:

"2.12. "Hydrogen ~~fuelled~~ **fuel cell** vehicle" means any motor vehicle that uses compressed gaseous ~~or liquefied~~ hydrogen as a fuel to propel the vehicle, ~~including fuel cell and internal combustion engine vehicles~~. Hydrogen fuel for passenger vehicles is specified in ISO 14687-2 and SAE J2719."

"2.14. ~~"Liquefied hydrogen storage system (LHSS)" means liquefied hydrogen storage container(s) PRDs, shut off device, a boil off system and the interconnection piping (if any) and fittings between the above components."~~

- "2.1514. ... "
- "2.2625. ...
(b) the state of stored hydrogen fuel; ~~compressed gas or liquefied;~~"
- "2.2726. ...
(b) the state of stored hydrogen fuel; ~~compressed gas or liquefied;~~"
- "2.29. "Vehicle fuel system" means an assembly of components used to store or supply hydrogen fuel to a fuel cell (FC) ~~or internal combustion engine (ICE).~~"

Annex I – Part 1, amend to read:

"Model I - Information document No ... on the type approval of a hydrogen storage system with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles" ...

"Model II - Information document No ... on the type approval of specific component for a hydrogen storage system with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles" ...

"Model III - Information document No ... on the type approval of a vehicle with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles" ...

Annex I – Part 2, amend to read:

"Model I - Communication ... of a type of vehicle/component compressed hydrogen storage system with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles pursuant to Regulation No. XYZ ...

10. Approval with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles is granted/refused:"

...

"Model II - Communication ... of a type of specific component (TPRD / Check valve / Automatic shut-off valve with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles pursuant to Regulation No. XYZ ...

10. Approval with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles is granted/refused:"

...

"Model I III - Communication ... of a type of vehicle with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles pursuant to Regulation No. XYZ ...

10. Approval with regard to the safety-related performance of hydrogen-~~fueled~~ **fuel cell** vehicles is granted/refused:" ...

II. Justification

Aim of this proposal is to remove the contents of liquefied hydrogen storage system.
