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."
Annex 1 – 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-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" ...

Annex 1 – 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-fuelled fuel cell vehicles pursuant to Regulation No. XYZ ...

10. Approval with regard to the safety-related performance of hydrogen-fuelled 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-fuelled fuel cell vehicles pursuant to Regulation No. XYZ ...

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

...

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

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

...

II. Justification

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