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Item 6(e) of the provisional agenda

AMENDMENTS TO UNECE REGULATIONS

REGULATION No. 115
(Specific LPG and CNG retrofit systems)

Proposal for draft amendments to Regulation No. 115

Submitted by the expert from the European Liquefied Petroleum Gas Association ^{*/}

The text reproduced below was prepared by the expert from the European Liquefied Petroleum Gas Association (AEGPL) to insert into the Regulation transitional provisions. The modifications to the current text of the Regulation are marked in **bold** characters.

^{*/} In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles with respect to pollution and energy. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Insert new paragraphs 11. to 11.4., to read:

"11. TRANSITIONAL PROVISIONS REGARDING THE TYPE APPROVAL OF LPG OR CNG RETROFIT SYSTEM AND ITS INSTALLATION IN MOTOR VEHICLES

- 11.1. As from the official date of entry into force of this Regulation, no Contracting Party applying this Regulation shall refuse to grant ECE approval under this Regulation.**
- 11.2. As from the official date of entry into force of this Regulation, no Contracting Party applying this Regulation shall prohibit the fitting on a vehicle and the use of a retrofit system approved under this Regulation.**
- 11.3. With effect from 1 January 2010, Contracting Parties applying this Regulation shall refuse national or regional type approval of a type of retrofit system which does not meet the requirements of this Regulation.**
- 11.4. With effect from 1 January 2011, Contracting Parties applying this Regulation shall prohibit the fitting on a vehicle of a retrofit system which does not meet the requirements of this Regulation."**

Paragraphs 11., 11.1., 12. and 12.1. (former), renumber as paragraphs 12., 12.1., 13. and 13.1.

B. JUSTIFICATION

The amendment aims at introducing transitional provisions into Regulation No. 115 in order to make its application mandatory in all Contracting Parties with regard to the type-approval and the installation of Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) retrofit systems on vehicles referred to in the scope of the Regulation.

Nowadays, the safety and environmental aspects related to gas retrofitting of vehicles in use rely on a large range of differentiated national rules, where existing. In some other countries, no certification requirements exist for the "conversion" of a petrol-fuelled vehicle into a gas-fuelled one.

Given the complexity of both, the basic vehicle technologies and the different types of retrofit systems, this situation is no longer acceptable. Therefore, there is a strong need to harmonise the homologation procedures towards a level that ensures an appropriate environment and social protection. Such a level is incontestably given by the provisions of Regulation No. 115.

Furthermore, thanks to the recent amending actions approved by GRPE, the Regulation has been updated according to the last technological developments. In the last years, this fact has permitted the industrial sector to really gather experience with Regulation No. 115.

The current structure of the Regulation is solid and, in the meantime, flexible. Therefore, all Contracting Parties should apply the provisions of this Regulation for type-approving any retrofit systems intended to be fitted on modern vehicles covered by the scope of the Regulation.
