

Proposal for a new Supplement to Regulation No. 115 (Uniform provisions concerning the approval of LPG and CNG retrofit systems)

The text reproduced below was prepared by the expert from Italy with the aim of extending the provisions specified in working document ECE/TRANS/WP29/GRPE/2020/11 to CNG retrofit systems.

I. Proposal

Add new paragraph 6.2.2.4.1.6.4.:

“6.2.2.4.1.6.4. Special provisions for Hybrid Electric Vehicles (HEVs)

In case of Hybrid Electric Vehicles, as defined in paragraph 2.21.2 of UN Regulation No. 83, the procedure described in UN Regulation No. 83 Annex 14 or in Annex 8 to UN GTR No. 15, as applicable, shall be applied during type I test.”

Paragraph 6.2.2.4.3.1., amend to read:

“6.2.2.4.3.1. The emissions of CO₂ are calculated according to UN Regulation No. 101 or to UN GTR No. 15 as applicable, for each parent vehicle, if applicable.

In case of HEVs, special provisions of Annex 8 to UN Regulation No. 101 or calculation of Annex 8 to UN GTR No. 15, as applicable, shall be applied.

The mean of CO₂ emissions shall be calculated as follows:

....”

In document ECE-TRANS-WP29-GRPE-2020-11e renumber new paragraph 6.1.2.4.1.6.3. as new paragraph 6.1.2.4.1.6.4.

II. Justification

Working document ECE/TRANS/WP29/GRPE/2020/11 clarifies provisions applicable to LPG retrofit kits and hybrid vehicles (OVC and NOVC). The same provisions can be applied to CNG retrofit systems too.

In addition, new paragraph 6.1.2.4.1.6.3. introduced by ECE-TRANS-WP29-GRPE-2020-11e is renumbered as 6.1.2.4.1.6.4.
