

Proposal for amendments to ECE/TRANS/WP.29/GRPE/2016/12

The text reproduced below was prepared by the IWG on Gaseous Fuelled Vehicles (GFV) to amend ECE/TRANS/WP.29/GRPE/2016/12 (Proposal for a new Regulation on uniform provisions concerning the approval of Heavy Duty Dual-Fuel Engine Retrofit Systems (HDDF-ERS) to be installed on heavy duty diesel engines and vehicles).

The modifications to ECE/TRANS/WP.29/GRPE/2016/12 are marked in **red**.

I. Proposal

Annex 3, paragraph 1.2., insert one space in "Appendix 1 of this annex" to read:

"1.2. The information of all the actual applications together with each specific retrofit system in accordance with the table in Appendix 1 of this annex shall be attached as an appendix."

Annex 4, paragraph 1.3., replace 11.2. by 5.1.2. to read:

"1.3. The number of this Regulation, followed by the letter "R", a dash and the approval number to the right of the circle defined below. The approval number consists of the retrofit system type approval number, which appears in the communication form for this type approval (see paragraph ~~11.2.~~ **5.1.2.** and Annex 5) preceded by two figures indicating the latest series of amendments to this Regulation."

Annex 6, paragraph 11.1.2., amend to read:

"11.1.2. Application range extension

In case of a test for an application range extension in accordance with the provisions set out in paragraph 5.2.2. or 10.1.1., the vehicle shall be fuelled with diesel market fuel and a gaseous market fuel in the range for which the engine retrofit system is approved. It is recommended to use the gaseous fuel with the lowest Methane Number rating within this fuel range.

The application range extension may be restricted to a smaller fuel range than the fuel range of the initial application range, but in that case the fuel range of the actual applications shall also be restricted."

Annex 6, paragraph 11.1.3., amend to read:

"11.1.3. Actual applications

Actual applications may be restricted to a smaller fuel range than the application range, but this shall be indicated on the notification form at the time of the notification and on the plate specified in paragraph 5.2.1. **of this Regulation.**

Only fuels within the range for which the engine retrofit system is compliant with this Regulation may be used.

The user manual shall clearly specify which market fuels may be used."

Annex 6, paragraph 12.9.3., amend to read:

"12.9.3. The installation manual shall contain the necessary instructions to access the retrofit system parts information system referred to in paragraph 5.2.3. **of this Regulation.**"

II. Justification

1. *Annex 3, paragraph 1.2.*: Editorial correction.
 2. *Annex 4, paragraph 1.3., and Annex 6, paragraphs 11.1.3. and 12.9.3.*: Corrections of references.
 3. *Annex 6, paragraph 11.1.2.*: The added text clarifies, by referring to both the engine test and the on-road test, that the fuel requirements for the application range extension test apply to both tests.
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