

## **Proposal for amendments to ECE/TRANS/WP.29/GRPE/2016/8 on Regulation No. 49 (Compression ignition and positive ignition (LPG and CNG) engines)**

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) to amend ECE/TRANS/WP.29/GRPE/2016/8. The modifications to the current text of Regulation No. 49 are marked in bold for new or strikethrough for deleted characters. The modifications to ECE/TRANS/WP.29/GRPE/2016/8 are marked in red.

### **I. Proposal**

*Annex 10, paragraph 11.*, amend to read:

"11. Documentation

The Type Approval Authority ~~may decide to~~ **shall** require that the manufacturer provides a documentation package. This should describe any element of design and emission control strategy of the engine system and the means by which it controls its output variables, whether that control is direct or indirect.

The information ~~may~~ **shall** include a full description of the emission control strategy. In addition, this ~~could~~ **shall** include information on the operation of all AES and BES, including a description of the parameters that are modified by any AES and the boundary conditions under which the AES operate, and indication of which AES and BES are likely to be active under the conditions of the test procedures in this annex.

**This information shall be made available in the "extended documentation package" according to the documentation requirements specified in paragraph 5.1.4."**

### **II. Justification**

The added text proposed refers again to the documentation requirements already in place in paragraph 5.1.4. This paragraph clarifies the structure of the documentation package by splitting it into a "formal documentation package" according to paragraph 5.1.4.2. and the "extended documentation package" described in paragraph 5.1.4.3.

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