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1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRPE

Proposal for Supplement 8 to the 05 series of amendments to Regulation No. 49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)

Submitted by the Working Party on Pollution and Energy*

The text reproduced below was adopted by the Working Party on Pollution and Energy (GRPE) at its seventy-second session (ECE/TRANS/WP.29/GRPE/72, para. 42). It is based on ECE/TRANS/WP.29/GRPE/2016/6. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their June 2016 sessions.

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* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Supplement 8 to the 05 series of amendments to Regulation No. 49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)

Annex 4B, paragraphs 9.2.1. and 9.2.1.1., amend to read:

"9.2.1.   Linearity verification

9.2.1.1.   Introduction

A linearity verification shall be performed for each measurement system listed in Table 7. At least 10 reference values, or as specified otherwise, shall be introduced to the measurement system. For stand-alone pressure and temperature linearity verifications, at least three reference values shall be selected. The measured values shall be compared to the reference values by using a least squares linear regression in accordance with equation 11. The maximum limits in Table 7 refer to the maximum values expected during testing."

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