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Item 4 (c) of the provisional agenda

UN Regulation No. 49 (emissions of compression ignition and positive ignition (LPG and CNG) engines)

Proposal for supplement 7 to the 05 series of amendments to Regulation No. 49

Submitted by the expert from the International Organization of Motor Vehicle Manufacturers*

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) in order to align the scope of the 05 series of amendments with that of the 06 series.

The modifications to the original English text are marked using track changes.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), 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.

I. Proposal

Paragraph 1.1., amend to read:

"1.1. This Regulation shall apply to motor vehicles of categories M₁, M₂, N₁ and N₂ with a reference mass exceeding 2,610 kg and to all motor vehicles of categories M₃ and N₃¹.

At the request of the manufacturer, the type approval of a completed vehicle given under this Regulation shall be extended to its incomplete vehicle with a reference mass below 2,610 kg. Type approvals shall be extended if the manufacturer can demonstrate that all bodywork combinations expected to be built onto the incomplete vehicle increase the reference mass of the vehicle to above 2,610 kg.

At the request of the manufacturer, the type approval of a vehicle granted under this Regulation shall be extended to its variants and versions with a reference mass above 2,380 kg provided that it also meets the requirements relating to the measurement of greenhouse gas emissions and fuel consumption in accordance with Appendix 1 of Annex 12 of the 06 series of amendments to this Regulation.

The following do not need to be approved according to this Regulation: engines mounted in vehicles of up to 2,840 kg reference mass to which an approval to Regulation No. 83 has been granted as an extension."

II. Justification

1. As the Euro VI standards for heavy duty vehicles become mandatory throughout the European Union, manufacturers may adapt their certification processes to take account of the extended scope of Euro VI compared to Euro V. In order to prevent inconsistencies that could affect the ability to offer all vehicles for export, it is proposed to carry back this scope amendment retrospectively to the 05 series of amendments.

2. As Euro VI is fully implemented in the EU from 31 December 2013, this amendment has no effect on EU Approvals or equivalencies.

¹ As defined in Annex 7 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document TRANS/WP.29/78/Rev.1/Amend.2, as last amended by Amend.4).