

## Corrections to ECE/TRANS/WP.29/2010/131 (Regulation No. 103)

### A. Proposal

*Page 2, paragraph 1., correct to read:*

#### “1. Scope

This Regulation applies to the type-approval, as separate technical units, of pollution control device to be fitted in one or more types of motor vehicles of categories ~~M<sub>1</sub>~~ and ~~N<sub>1</sub>~~ **covered by the scope of the related version of Regulation No. 83** as replacement parts.

Catalytic converters and particulate filters shall be considered to be pollution control devices for the purposes of this Regulation.”

*Page 8, paragraph 5.2.3., correct to read:*

#### “5.2.3. Evaluation of the emission of pollutants .....

The requirements regarding emissions of the vehicle(s) equipped with the replacement pollution control device shall be deemed to be fulfilled if the results meet for each regulated pollutant (CO, HC, NO<sub>x</sub>, particulates **and particles**) the following conditions:

(1)  $M \leq 0.85S + 0.4G$

(2)  $M \leq G$

where :

M: mean value of the emissions of one pollutant (CO, HC, NO<sub>x</sub>, particulates **and particles**) or the sum of two pollutants (HC + NO<sub>x</sub>) obtained from the three type I tests with the replacement pollution control device.

S: mean value of the emissions of one pollutant (CO, HC, NO<sub>x</sub>, particulates **and particles**) or the sum of two pollutants (HC + NO<sub>x</sub>) obtained from the three type I tests with the original pollution control device.

G: limit value of the emissions of one pollutant (CO, HC, NO<sub>x</sub>, particulates **and particles**) or the sum of two pollutants (HC + NO<sub>x</sub>) according to the type approval of the vehicle(s):

**i) divided by the multiplicative or**

**ii) minus the additive**

— if applicable — deterioration factors determined in accordance with paragraph 5.4. below.

Where approval is applied ..... technical service responsible for approval.”

*Page 8, paragraph 5.4., correct “paragraph 5.3.5.” to read “paragraph 5.3.6.”.*

*Page 8, paragraph 5.4.1., correct “paragraph 5.3.6.2.” to read “paragraph 5.3.6.”.*

*Page 9, insert new paragraphs 5.5.6. and 5.5.7., to read:*

**“5.5.6. For vehicles with positive-ignition engines, if the THC and NMHC emissions measured during the demonstration test of a new original equipment catalytic converter, under paragraph 5.2.1. of this Regulation are higher than the values measured during the type-approval of the vehicle, the difference shall be added to the OBD threshold limits. The OBD threshold limits are specified in paragraph 3.3.2. of Annex 11 to Regulation No. 83.**

**5.5.7. The revised OBD threshold limits will apply during the tests of OBD compatibility set out in paragraphs 5.5. to 5.5.5. of this Regulation. In particular, when the exceedance allowed in paragraph 1. of Appendix 1 to Annex 11 to Regulation No. 83 is applied.”**

## **B. Justification**

ECE/TRANS/WP.29/2010/131 is based on ECE/TRANS/WP.29/GRPE/2010/13 which has been adopted by GRPE at its sixtieth session in June 2010, but with amendments reproduced in Annex VI to the report (see ECE/TRANS/WP.29/GRPE/60, para. 38). However, these amendments were not included in ECE/TRANS/WP.29/2010/131. This informal document aims at correcting that error.

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