



**Economic and Social
Council**

Distr.
RESTRICTED

TRANS/WP.29/GRPE/2003/7
13 November 2002

Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Pollution and Energy (GRPE)

(Forty-fifth session, 13-17 January 2003,
agenda item 4.1.)

PROPOSAL FOR DRAFT CORRIGENDUM 2 TO THE 05 SERIES OF AMENDMENTS
TO REGULATION No. 83

(Emissions of M1 and N1 categories of vehicles)

Transmitted by the expert from the United Kingdom

Note: The text reproduced below was prepared by the expert from the United Kingdom in order to correct the omission made in the proposal for the 05 series of amendments, where the text of Corrigendum 1 to the 04 series of amendments (document TRANS/WP.29/701, as incorporated in Amendment 4 to Revision 1 of Regulation No. 83) was overlooked and, instead, the obsolete text was used. De facto, the current document only reproduces the text of TRANS/WP.29/701 that contained the text adopted by WP.29 at its one-hundred-and-nineteenth session (TRANS/WP.29/689, para. 154).

The secretariat also introduced into this Corrigendum a correction to the references in paragraphs 11.1.3.2. and 11.1.4.1.

The corrections to the Regulation are marked in **bold** characters.

Note: This document is distributed to the Experts on Pollution and Energy only.

A. PROPOSAL

Paragraph 11.1.3.2., correct to read:

"11.1.3.2. meets the requirements of this Regulation as required by paragraph **11.1.2.2.** above."

Paragraph 11.1.4.1., correct to read:

"11.1.4.1. shall be considered, for the purposes of paragraphs **11.1.3.1.** and **11.1.3.2.** as vehicles in category N₁."

Annex 4, Appendix 3,

Paragraph 5.1.1.2.8., correct to read:

"5.1.1.2.8.
 R_T = total driving resistance = $R_R + R_{AERO}$
 K_R = temperature correction factor of rolling resistance, taken to be equal to:
 $8.64 \cdot 10^{-3}/^{\circ}C$, or the manufacturer's correction factor that is approved by the authority
 t = road test ambient temperature in $^{\circ}C$

.....

where:

M = vehicle mass in kg,

and for each speed the coefficients a and b are shown in the following table:

V (km/h)	a	b
20	$7.24 \cdot 10^{-5}$	0.82
40	$1.59 \cdot 10^{-4}$	0.54
60	$1.96 \cdot 10^{-4}$	0.33
80	$1.85 \cdot 10^{-4}$	0.23
100	$1.63 \cdot 10^{-4}$	0.18
120	$1.57 \cdot 10^{-4}$	0.14

"

B. JUSTIFICATION

Re. paragraphs 11.1.3.2. and 11.1.4.1.: As the current text refers to non existing paragraphs, the references have to be corrected.

Re. Annex 4, Appendix 3, paragraph 5.1.1.2.8.: The text is corrected as in TRANS/WP.29/701 adopted by WP.29 at its one-hundred-and-nineteenth session (TRANS/WP.29/689, para. 154).
