



**Economic and Social  
Council**

Distr.  
GENERAL  
TRANS/WP.29/2003/40  
4 April 2003

ENGLISH  
Original: ENGLISH and  
FRENCH

**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)  
(One-hundred-and-thirtieth session,  
24-27 June 2003, agenda item 4.2.19.)

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

(Emissions of M<sub>1</sub> and N<sub>1</sub> categories of vehicles)

Transmitted by the Working Party on Pollution and Energy (GRPE)

Note : The text reproduced below was adopted by GRPE at its forty-fifth session, and is transmitted for consideration to WP.29 and AC.1. It is based on the text of document TRANS/WP.29/GRPE/2003/7, not amended (TRANS/WP.29/GRPE/45, para. 28).

This document is a working document circulated for discussion and comments. The use of this document for other purposes is the entire responsibility of the user. Documents are also available via the INTERNET:

<http://www.unece.org/trans/main/welcwp29.htm>

Paragraph 11.1.3.2., correct to read (English and Russian only):

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

Paragraph 11.1.4.1., correct to read:

" .....  
shall be considered, for the purposes of paragraphs 11.1.3.1. and 11.1.3.2. as vehicles in category N<sub>1</sub>."

Annex 4, Appendix 3,

Paragraph 5.1.1.2.8., correct to read:

" .....  
R<sub>T</sub> = total driving resistance = R<sub>R</sub> + R<sub>AERO</sub>  
K<sub>R</sub> = temperature correction factor of rolling resistance, taken to be equal to: 8.64 . 10<sup>-3</sup>/°C, or the manufacturer's correction factor that is approved by the authority  
t = road test ambient temperature in °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 . 10 <sup>-5</sup>	0.82
40	1.59 . 10 <sup>-4</sup>	0.54
60	1.96 . 10 <sup>-4</sup>	0.33
80	1.85 . 10 <sup>-4</sup>	0.23
100	1.63 . 10 <sup>-4</sup>	0.18
120	1.57 . 10 <sup>-4</sup>	0.14

"