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 M₁ and N₁ 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).

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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_{1}."

Annex 4, Appendix 3,

Paragraph 5.1.1.2.8., correct to read:

"......
R_{T} = \text{total driving resistance} = R_{R} + R_{AERO}
K_{R} = \text{temperature correction factor of rolling resistance, taken to be equal to: 8.64 . 10^{-3}/°C, or the manufacturer's correction factor that is approved by the authority}
t = \text{road test ambient temperature in °C}
......

where:

M = \text{vehicle mass in kg},

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

<table>
<thead>
<tr>
<th>V (km/h)</th>
<th>a</th>
<th>b</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>7.24 . 10^{-5}</td>
<td>0.82</td>
</tr>
<tr>
<td>40</td>
<td>1.59 . 10^{-4}</td>
<td>0.54</td>
</tr>
<tr>
<td>60</td>
<td>1.96 . 10^{-4}</td>
<td>0.33</td>
</tr>
<tr>
<td>80</td>
<td>1.85 . 10^{-4}</td>
<td>0.23</td>
</tr>
<tr>
<td>100</td>
<td>1.63 . 10^{-4}</td>
<td>0.18</td>
</tr>
<tr>
<td>120</td>
<td>1.57 . 10^{-4}</td>
<td>0.14</td>
</tr>
</tbody>
</table>