ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

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

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

(Emissions of M₁ and N₁ categories of vehicles)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its twenty-fourth session, following the recommendation by WP.29 at its one-hundred-and-thirtieth session. It is based on document TRANS/WP.29/2003/40, not amended (TRANS/WP.29/926, para. 113).
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 N1."

Annex 4, Appendix 3.

Paragraph 5.1.1.2.8., correct to read:

"......

\[ R_T = \text{total driving resistance} = R_R + R_{AERO} \]
\[ K_R = \text{temperature correction factor of rolling resistance, taken to be equal to:} \]
\[ 8.64 \cdot 10^3/°C, \text{ or the manufacturer’s correction factor that is approved by the authority} \]
\[ t = \text{road test ambient temperature in °C} \]

......

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 \cdot 10^{-5}</td>
<td>0.82</td>
</tr>
<tr>
<td>40</td>
<td>1.59 \cdot 10^{-4}</td>
<td>0.54</td>
</tr>
<tr>
<td>60</td>
<td>1.96 \cdot 10^{-4}</td>
<td>0.33</td>
</tr>
<tr>
<td>80</td>
<td>1.85 \cdot 10^{-4}</td>
<td>0.23</td>
</tr>
<tr>
<td>100</td>
<td>1.63 \cdot 10^{-4}</td>
<td>0.18</td>
</tr>
<tr>
<td>120</td>
<td>1.57 \cdot 10^{-4}</td>
<td>0.14</td>
</tr>
</tbody>
</table>