ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Construction of Vehicles

DRAFT SUPPLEMENT 1 TO THE 04 SERIES OF AMENDMENTS TO REGULATION No. 22
(Protective helmets)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fifth session, following the recommendation by the Working Party at its one-hundred-and-eleventh session. It is based on document TRANS/WP.29/R.794, as amended (TRANS/WP.29/534, paras. 72 and 134).

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Annex 11, paragraphs 2.2. to 2.3.3., amend to read:

**2.2. Measurements**

The following reading shall be taken:

<table>
<thead>
<tr>
<th>Reading (T)</th>
<th>With sample</th>
<th>With central part of D2</th>
<th>Quantity represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>T₁</td>
<td>no</td>
<td>no</td>
<td>Incident flux in initial reading</td>
</tr>
<tr>
<td>T₂</td>
<td>yes (before abrasion)</td>
<td>no</td>
<td>Flux transmitted by the new material</td>
</tr>
<tr>
<td>T₃₀</td>
<td>no</td>
<td>yes</td>
<td>Incident light flux with central part of D2</td>
</tr>
<tr>
<td>T₃₁</td>
<td>yes (before abrasion)</td>
<td>yes</td>
<td>Flux diffused by the new material</td>
</tr>
<tr>
<td>T₄</td>
<td>yes (after abrasion)</td>
<td>yes</td>
<td>Flux diffused by the abraded material</td>
</tr>
</tbody>
</table>

2.3. **Optical Quantities Definitions**

2.3.1. The luminous transmittance is given by:

\[
\frac{T_2}{T_1} \times 100
\]

2.3.2. The light diffusion before abrasion is given by:

\[
DB = \frac{T_{31} - T_{30}}{T_2} \times 100
\]

2.3.3. The light diffusion after abrasion is given by:

\[
DA = \frac{T_4}{T_2} \times 100
\]

**Note:** Markings DA and DB correspond to paragraph 1.3. of this annex."