

ECE R63 (Rev.1/Add.62/Amend.1/Corr.1/Corr.2/Amend.2)

Acronyms and Abbreviations

| A&A | Full description | Reference clause |
|-------------------|--|-------------------------|
| L ₁ | Two-wheeled moped | 1 |
| ECE | Economic Commission for Europe | 8 |
| TRANS | Transport | 8 |
| Rev | Revision | 8 |
| dB(A) | A weighted Decibels | 8.2 |
| mm | millimetre | Annex 1, 11.1 |
| min ⁻¹ | per minute | Annex 1, 13 |
| kg | kilogram | Annex 1, 16 |
| km/h | kilometre per hour | Annex 1, 17 |
| rpm | revolution per minute | Annex 1, 19 |
| IEC | International Electrotechnical Commission | Annex 3, 1.1.1 |
| m | metre | Annex 3, 3.1.1.2 |
| AA' | Virtual line on the test track | Annex 3, 3.1.1.3 |
| BB' | Virtual line on the test track | Annex 3, 3.1.1.3 |
| CC' | Virtual line on the test track | Annex 3, 3.1.1.3 |
| PP' | Virtual line on the test track | Annex 3, 3.1.1.3 |
| S | Rated engine speed | Annex 3, 3.2.3.3.2.1 |
| °C | Degree Celsius | Annex 3, 5.1.3.1 |
| ISO | International Organization for Standardization | Annex 3, 5.1.3.2 |
| ml | millilitre | Annex 3, 5.1.3.3 |
| km | kilometre | Annex 3, 5.1.4.1.1 |
| bar | barometric pressure | Annex 3, 5.1.4.2.3 |
| hrs | hours | Annex 3, 5.1.4.3.4 |
| mins | minutes | Annex 3, 5.1.4.3.4 |
| l | litre | Annex 3, figure 3, 3 |
| N | Newton | Annex 3, figure 3,7 |

| | | |
|----------|---|-------------------|
| V_C | Residual voids content | Annex 5, 2.1 |
| α | Sound absorption coefficient | Annex 5, 2.2 |
| TD | Texture depth | Annex 5, 2.3 |
| PEN | Penetration grade | Annex 5, figure 2 |
| SM | Square Mesh | Annex 5, Table 1 |
| PSV | Polished stone value | Annex 5, Table 1 |
| Hz | Hertz | Annex 5, 4.2 |
| D_R | maximum theoretical density of the concrete | Annex 5, 6.1.2 |

| ECE R9 | | |
|---------------|---|------------------|
| A&A | Full description | Used in |
| S | engine speed at which the engine produces its max. power | 3.2.4.3. |
| V | residual voids content of the test track paving mixture | Annex 4, 2.1 |
| TD | texture depth measured according to the volumetric method | Annex 4, 2.3 |
| SM | Square Mesh sieve size | Annex 4, Table 1 |
| D_R | maximum theoretical density of the concrete | Annex4, 6.1.2 |
| | | |

ECE R41

| <i>Symbol</i> | <i>Explanation</i> | <i>Reference</i> |
|---------------|-----------------------------------|------------------------|
| AA' | virtual line on the test track | Annex 4 – Figure 1 |
| a_{wot} | calculated acceleration | Annex 3 – 1.4.2. |
| $a_{wot,ref}$ | prescribed reference acceleration | Annex 3 – 1.3.3.3.1.2. |
| a_{urban} | prescribed target acceleration | Annex 3 – 1.3.3.3.1.2. |
| BB' | virtual line on the test track | Annex 4 – Figure 1 |
| CC' | virtual line on the test track | Annex 4 – Figure 1 |
| k | gear weighting factor | Annex 3 – 1.4.3. |
| k_p | partial power factor | Annex 3 – 1.4.4. |
| L | sound pressure level | Annex 3 – 1.4.1. |
| l_{pA} | pre-acceleration length | Annex 3 – 1.3.3.1.1. |
| m_{kerb} | kerb mass of the vehicle | 2.6. |
| m_t | test mass of the vehicle | Annex 3 – 1.3.2.2. |
| n | measured engine speed | – |
| n_{idle} | engine speed at idle | – |

| | | |
|--------------|---|--------------------------|
| $n_{wot(i)}$ | n_{pp} corresponding to $L_{wot(i)}$ | Annex 7 – 2.6. |
| PP' | virtual line on the test track | Annex 4 – Figure 1 |
| PMR | power-to-mass ratio index | 2.9. |
| P_n | rated maximum net power | 2.7. |
| S | rated engine speed | 2.8. |
| v | measured vehicle speed | – |
| v_{max} | maximum speed | 2.10. |
| v_{test} | prescribed test speed | Annex 3 – 1.3.3.1.1. |
| ISO | International Standard Organization | 2.6. |
| IEC | International Electrotechnical Commission | Annex 3 – 1.1.1.1. |
| PMR | Power to Mass Ratio index | 2.9. |
| ASEP | Additional Sound Emission Provisions | Annex 7 |
| CVT | Continuously Variable Transmission ratio | Annex 3 – 1.3.3.3.1.3.1. |
| AT | Automatic Transmission | Annex 3 – Appendix 1 |
| V_c | residual Voids Content | Annex 4 – 2.1. |
| TD | Texture Depth | Annex 4 – 2.3. |
| SM | Square Mesh sieve size | Annex 4 – Table 1 |
| PSV | Polished Stone Value | Annex 4 – Table 1 |
| D_R | maximum theoretical density of concrete | Annex 4 – 6.1.2. |
| wot | wide open throttle | 2.13 |
| crs | cruise | 2.13 |
