Proposal for corrigendum to global technical regulation (GTR) No. 4
(ECE/TRANS/180/Add.4/Amend.1)

I. Proposal

Paragraph 9.2.3.7., amend to read:
"9.2.3.7. Air to fuel measurement
The air to fuel measurement equipment used to determine the exhaust gas flow as specified in paragraph 8.4.1.6. 8.3.1.6. shall be a wide range air to fuel ratio sensor or lambda sensor of Zirconia type…"

Paragraph 9.3.8., amend to read:
"9.3.8. Efficiency of the non-methane cutter (NMC)
… For the accurate measurement of NMHC, the two efficiencies shall be determined and used for the calculation of the NMHC emission mass flow rate (see paragraph 8.6.2. 8.5.2.)."

Paragraph 9.4.6.1., amend to read:
"9.4.6.1. System response time
… If the combined transformation time of the exhaust flow measurement (see paragraph 8.4.1.2. 8.3.1.2.) and the partial flow system is ≤ 0.3 s, online control shall be used….."

Paragraph 9.5.5., amend to read:
"9.5.5. Total system verification
… The pollutant is analyzed, and the mass calculated according to paragraph 8.5.2.3. 8.5.2.4. except in the case of propane where a u factor of 0.000472 is used in place of 0.000480 for HC….."

Annex 6, paragraph A.6.3., amend to read:
"A.6.3. Gaseous emissions (diesel fuel)
… Step 3: Calculation of the instantaneous emission of each individual point of the cycle (paragraph 8.4.2.3. 8.4.2.4.):……"

… Step 4: Calculation of the mass emission over the cycle by integration of the instantaneous emission values and the u values from table 5 (paragraph 8.4.2.3. 8.4.2.4.):……"

II. Justification

The original references are wrong. These errors were detected when transposing the GTR into the series 6 amendments of Regulation 49. The references should be corrected in line with Regulation 49.