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**1958 Agreement – Consideration of draft Corrigenda
to existing Regulations submitted by the secretariat**

Proposal for Corrigendum 1 to Revision 5 of Regulation No. 49 (Emissions of C.I. and P.I. (LPG and CNG) engines)*

Note by the secretariat ¹

The text reproduced below has been prepared to correct Revision 5 of the Regulation, concerning several errors in references and a typing mistakes. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* This document was submitted late due to delayed inputs from other sources.

¹ In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 2.1.65., correct to read:

"2.1.65. "Unladen ... driver of 75 kg, ~~passenger~~ **passengers** or load, ..."

Annex 2A, Appendix, first paragraph, correct to read:

"As noted in ~~Appendix 4~~ **Appendix 5** to Annex 1 ..."

Annex 4A, Appendix 2., paragraph 3.8.2.2., correct to read:

"3.8.2.2. Raw exhaust measurement

...

For calculation ... Therefore, the response time of **the exhaust gas mass flow system and each gaseous emissions analyzer** ~~each gaseous emissions analyzer and of the exhaust gas mass flow system~~ shall be determined ..."

Annex 4B, paragraph 6.9., correct to read:

"6.9. Specification of the reference fuel

The reference fuel ... for C.I. engines and in ~~Annexes 6 and 7~~ **Annex 5** for CNG and LPG fuelled engines ...

..."

Annex 4B, paragraph 7.4.7., correct to read:

"7.4.7. ...

If auxiliaries/equipment are fitted in accordance with paragraph 6.3.1. and ~~Annex 7~~ **Appendix 7**, M_f and M_r are zero.

..."

Annex 4B, paragraph 8.4.1.1., correct to read:

"8.4.1.1. Introduction

For calculation ... For the determination of the exhaust mass flow rate ~~either~~ **one** of the methods described in paragraphs 8.4.1.3 to 8.4.1.7. may be used."

Annex 4B, paragraph 8.4.1.2., correct to read:

"8.4.1.2. Response time

For the purpose of ... ~~either method~~ **one of the methods** described ...

..."

Annex 4B, paragraph 8.4.1.5., correct to read:

"8.4.1.5. Tracer measurement method

...

ρ is the density of the exhaust gas, kg/m³ (cf. ~~Table 4~~ **Table 5**)

..."

Annex 4B, paragraph 9.2.1.1., correct to read:

"9.2.1.1. Introduction

A linearity ... ~~Table 6~~ **Table 7** refer to the maximum ..."

Annex 4B, paragraph 9.3.2.7., correct to read:

"9.3.2.7. Air to fuel measurement
The air to fuel ... in paragraph ~~8.3.1.6.~~ **8.4.1.6.** shall ...
..."

Annex 4B, paragraph 9.3.8., correct to read:

"9.3.8. Efficiency of the non-methane cutter (NMC)
... of the NMHC emission mass flow rate (see paragraph ~~8.5.2.~~ **8.6.2.**)"

Annex 4B, paragraph 9.4.5.6., correct to read:

"9.4.5.6. Calibration of the flow measurement instrumentation
... requirements of this ~~gr~~ **Regulation**. For the flow reference values ... "

Annex 4B, paragraph 9.4.6.1., correct to read:

"9.4.6.1. System response time
For the control ... (see paragraph ~~8.3.1.2.~~ **8.4.1.2.**) and the partial flow ...
..."

Annex 4B, paragraph 9.4.6.2., correct to read:

"9.4.6.2. Specifications for differential flow measurement
...
(b) ... For details see paragraph ~~9.4.6.2.~~ **9.4.6.3.**
..."

Annex 4B, paragraph 9.5.4., correct to read:

"9.5.4. Calibration of the subsonic venturi (SSV)
Calibration of the ... in ~~equation 43~~ **equation 53** (see paragraph 8.5.1.4.)"

Annex 4B, paragraph 9.5.5., correct to read:

"9.5.5. Total system verification
The total accuracy ... paragraph ~~8.5.2.4.~~ **8.5.2.3.** except ..."

Annex 4B Appendix 6 paragraph A.6.3., correct to read:

"A.6.3. Gaseous emissions (diesel fuel)
...
Step 3: ... the cycle (paragraph ~~8.4.2.4.~~ **8.4.2.3. of this annex**)
...
Step 4: ... Table 5 (paragraph ~~8.4.2.4.~~ **8.4.2.3. of this annex**)
..."

Annex 4C paragraph 5.1., correct to read:

"5.1. Time alignment
For partial ... to paragraph ~~1.3.6.~~ **1.3.7.** of Appendix 1 to this annex."

Annex 9B, paragraph 4.2.1., correct to read:

"4.2.1. Selection of the monitoring technique
Approval authorities ... (i.e. through ~~either~~ technical ..."

Annex 9B, paragraph 4.5., correct to read:

"4.5. Requirements for malfunction classification
...
If an MECS ... The malfunction shall then **be** assigned to the class that takes precedence in the discriminatory display strategy."

Annex 9C, paragraph 7.1., correct to read:

"7.1. ...
The OBD system ... in Appendix 6 **to Annex 9B**) for the ...
..."

Annex 10, paragraph 5.1.2., correct to read:

"5.1.2. ...
(d) Its operation ... tests. The overall ~~affect~~ **effect** of such an ..."
