
Proposal for amendments to the 05, 06 and 07 series of amendments to UN Regulation No. 83 superseding ECE/TRANS/WP.29/GRPE/2020/10

I. Proposal

In the 05, 06 & 07 series of amendments, Annex 4A, Appendix 3, Paragraph 2., amend to read:

"2. Calibration procedures

For test and measurement equipment that is compliant with the technical requirements of UN GTR No. 15, the maintenance and calibration requirements described in that UN GTR may be followed, in all other cases the following requirements shall apply:"

In the 07 series of amendments, Annex 11, Paragraph 4.4 amend to read:

"4.4. Prior to or at the time of type approval, no deficiency shall be granted in respect of the requirements of paragraph 6.5., except paragraph ~~6.5.3.4.~~ **6.5.3.5**, of Appendix 1 to this annex."

II. Justification

1. UN GTR No. 15 has brought all maintenance and calibration requirements up to date reflecting the capabilities of state-of-the-art equipment.

2. Most laboratories have been or will be updated to be capable of testing to UN GTR No. 15 but will still be used for testing to NEDC for the foreseeable future.

3. In order to remove the risk that equipment has to be calibrated more often than necessary, UN Regulation No. 83 should be updated to recognise the equipment in WLTP capable laboratories.

4. In the 07 series of amendments (with amendment 1), paragraphs were renumbered because of a newly inserted paragraph. So the reference above should read now 6.5.3.5.

"6.5.3.4. Basic diagnostic data, (as specified in paragraph 6.5.1.) and bi-directional control information shall be provided using the format and units described in the standard listed in paragraph 6.5.3.2.(a) of this appendix and must be available using a diagnostic tool meeting the requirements of the standard listed in paragraph 6.5.3.2.(b) of this appendix.

The vehicle manufacturer shall provide to a national standardisation body the details of any emission-related diagnostic data, e.g. PID's, OBD monitor Id's, Test ID's not specified in the standard listed in paragraph 6.5.3.2.(a) of this Regulation but related to this Regulation.

6.5.3.5. When a fault is registered, the manufacturer shall identify the fault using an appropriate ISO/SAE controlled fault code specified in one of the standards listed in paragraph 6.5.3.2.(d) of this appendix relating to "emission related system diagnostic trouble codes". If such identification is not possible, the manufacturer may use manufacturer controlled diagnostic trouble codes according to the same standard. The fault codes shall be fully accessible by standardised diagnostic equipment complying with the provisions of paragraph 6.5.3.3. of this appendix.
