

Supplement 9 to the 03 series of amendments to UN Regulation No. 51

The text reproduced below has been prepared by Germany and experts of OICA to clarify the details of the data-handling during the monitoring phase required in paragraph 5.1.1. The modifications are marked in **bold** for new or ~~strike through~~ for deleted characters.

I. Proposal

Paragraph 5.1.1., amend to read:

“5.1.1. Starting from 1 July 2023 and for a period of twelve months, during type approval of a vehicle, measurements in accordance with Annex 9 (RD-ASEP) shall be performed. The **complete test report (in pdf-format)** shall be communicated to the Type Approval Authority by their Technical Services and in **addition, the monitoring information shall be entered into the data entry file "RD-ASEP Monitoring Data Sheet", which is published on the UN-ECE website⁴.** ~~in the format according to the test report sheet of Appendix 5 in Annex 9.~~

For the purpose of type approval, it is not mandatory to comply with the provisions of Annex 9.

For vehicles with PMR not exceeding 60, the performance of RD-ASEP tests is not mandatory.

RD-ASEP tests are not applicable to any tests done for the purpose of extension of existing approvals according to UN Regulation No. 51.

In case the type approval tests of Annex 3 and Annex 7 were carried out in an indoor facility, the test and the delivery of data according to Annex 9 are not mandatory.

Notwithstanding the provisions above, Type Approval Authorities, Technical Services, and vehicle manufacturers may digitally submit additional vehicle test of approved vehicles⁵ in the format as specified above, provided that all data have been determined on a single vehicle. This is applicable but not limited to

- a) extensions of type approval, or
- b) vehicles not falling under the scope of RD-ASEP, or
- c) approvals not falling within the monitoring period.

All tests for Annex 3 and for Annex 9 shall be carried out on the same test track and under similar environmental conditions.”

II. Justification

1. Analyzing all datasets after the monitoring phase requires a uniform data format and data handling. This will support the efficient handling of data and enable timely results.

⁴ <https://unece.org/documents-reference-only-0>

In the “monitoring data sheet” the address, where the file shall be submitted to, is on the top of the sheet table “(0) instructions”.

⁵ Where Type Approval Authorities, Technical Services or vehicle manufacturers decide to submit additional test reports, the measured vehicles shall be in such a condition that they can be used for type-approval (e.g., the vehicles should not be older than one year, original equipped, without manipulation and maintained according to manufacturer's specifications) and type approved according to 03 series of UN-Regulation No. 51.

2. To get a wide spread of datasets the vehicles that are measured should not be limited to new types. Appropriate quality of these additional data sets requires constraints according to Footnote 5.
