



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 190th session

Geneva, 20-22 June 2023

Item 4.9.1 of the provisional agenda

#### 1958 Agreement:

**Consideration of draft amendments to existing UN Regulations  
submitted by GRBP**

## **Proposal for Supplement 9 to the 03 series of amendments to UN Regulation No. 51 (Noise of M and N categories of vehicles)**

### **Submitted by the Working Party on Noise and Tyres\***

The text reproduced below was adopted by the Working Party on Noise and Tyres (GRBP) at its seventy-seventh session (ECE/TRANS/WP.29/GRBP/75, para. 9). It is based on GRBP-77-13-Rev.1. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2023 sessions.

These amendments clarify the procedure of collection and transmission of data on the Real Driving Additional Sound Emission Provisions (RD-ASEP) which starts on 1 July 2023 - the date that was previously fixed by Supplement 7 to the 03 series of amendments. Because the present document, if approved by WP.29 and AC.1 in June 2023, would enter into force later (around January 2024), the World Forum is also invited to call upon the Type Approval Authorities and Technical Services of Contracting Parties to start, already as of 1 July 2023, the collection and transmission of RD-ASEP data according to the text below.

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\* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



*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 website.<sup>1</sup>

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 type 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, the Type Approval Authorities, Technical Services, and vehicle manufacturers may digitally submit additional vehicle tests of approved vehicles<sup>2</sup> 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.”

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<sup>1</sup> <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”.

<sup>2</sup> Where the 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, originally equipped, without manipulation and maintained according to the manufacturer's specifications) and type approved according to the 03 series of UN Regulation No. 51.