



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### Working Party on the Transport of Dangerous Goods

#### 117th session

Geneva, 6-8 May 2025

Item 5 (a) of the provisional agenda

**Proposals for amendments to annexes A and B of ADR:  
construction and approval of vehicles**

### Section 9.2.4.4.1 – Electric power train “External Signal”

Transmitted by OICA\*

*Summary*

**Executive summary:** Clarification of the term “stationary conditions” as referred to in 9.2.4.4.1 of ADR 2025.

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\* A/79/6 (Sect. 20), Table 20.6



## **I. Introduction**

1. 9.2.4.4.1 states: “The vehicle shall give external signals in stationary conditions, in addition to the warning the driver receives in the driver’s cab as required by 6.15.1 of UN Regulation No. 100, as amended at least by the 03 series of amendments.”
2. The term “stationary conditions” is not defined in more details in ADR 2025. Therefore, approving bodies usually look for interpretation in appropriate regulations, here being UN Regulation No. 100 (approval of vehicles with electric power train).
3. The vast majority of electric Vehicle production is currently designed and produced in compliance with UN Regulation No. 100. Requirements in ADR should therefore not deviate from that regulation in such a way that the basic principles of vehicle electric architecture are heavily affected and needs complete redesign to fulfil ADR.

## **II. Proposal**

4. In ADR 2025, the term “stationary” in 9.2.4.4.1 shall be interpreted as “when the vehicle is in active driving possible mode (as defined in Regulation No. 100, as amended at least by the 03 series of amendments), at standstill”.
5. This interpretation should be added to the ADR Interpretation List.

## **III. Justification**

6. This clarification shall give a definition of the vehicle conditions under which the external signal must be available.
  7. Furthermore, it ensures traceability of the original source of the requirement in UN Regulation No. 100, thus providing a working basis for manufacturers as well as Technical Services and Approval Authorities.
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