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UN Regulations Nos. 24 (Visible pollutants, measurement of power of C.I. engines (Diesel smoke)), 85 (Measurement of the net power), 115 (LPG and CNG retrofit systems), 133 (Recyclability of motor vehicles) and 143 (Heavy Duty Dual-Fuel Engine Retrofit Systems (HDDF-ERS)) and 177 (System Power)

Proposal for a new series of amendments to UN Regulation No. 177 (System Power)

Submitted by the experts from the International Organization of Motor Vehicle Manufacturers *

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA). This document aims to propose a new series of amendments to UN Regulation No. 177 amending the scope to fit to Euro 7 in the European Union. The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (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.



I. Proposal

Paragraph 1.1., amend to read:

- "1.1. This Regulation applies to vehicles that meet all of the following criteria (a), (b) and (c):
- (a) Are hybrid electric vehicles, or are pure electric vehicles that have more than one propulsion energy converter;
- and
- (b) ~~Are classified in category N₁, or are classified in category M and have a technically permissible maximum laden mass not exceeding 3,500 kg;~~
Are classified in categories M₁ or N₁. At the manufacturer's request, type approval may be granted to vehicles of category N₂ between 3.5 and 5 tonnes maximum mass originating from a type of vehicle of category N₁;
- and
- (c) If a hybrid electric vehicle, at least one electric machine contributes to propulsion of the vehicle under the maximum power condition."

II. Justification

1. Alignment with the scope of Regulation (EU) 2024/1257 (Euro 7)
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