

Proposal for additional content in ECE/TRANS/WP.29/GRPE/2022/16

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA). This document aims to ensure consistent type-approval test conditions with the introduction of the 08 series of amendments to UN Regulation No. 48. The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

In the 00, 01, 02 and 03 series of amendments

Annex B6, add a new paragraph 2.4.2.1.2. to read:

"[2.4.2.1.2. From the 1st of September 2024 for vehicles undergoing type approval testing according to this regulation, the rear position lamps and other lamps according to 5.11. of the 08 series of amendments of UN Regulation No. 48 shall be same operation as when the ambient light conditions outside the vehicle exceed 7,000 lux (e.g. by a switch or by the vehicle's dynamometer operation mode).]"

"[2.4.2.1.2. From the 1st of September 2024 for vehicles undergoing type approval testing according to this regulation, the rear position lamps and other lamps according to 5.11. of the 08 series of amendments of UN Regulation No. 48 shall be same operation as when the ambient light conditions outside the vehicle do not exceed 7,000 lux (e.g. by a switch or by the vehicle's dynamometer operation mode).]"

II. Justification

1. The new 08 series of UN Regulation No. 48 is aiming to introduce the possibility to switch OFF rear position lamps and other lamps when ambient light conditions outside the vehicle are above 7,000 lux in order to avoid unnecessary fuel consumption.
2. The vehicle settings for the dynamometer operation shall be independent of the light conditions in the laboratory. Thus, a trip is proposed to represent ambient light conditions with an illuminance of above 7,000 lux.
3. Introduction of transitional provisions in-line with the requirements according to UN Regulation No. 48.