

Comments to ECE/TRANS/WP.29/GRE/2011/30

The text reproduced below was prepared by the expert from OICA to address document ECE/TRANS/WP.29/GRE/2011/30 which concern provisions for exterior courtesy lamps and for manoeuvring lamps.

This OICA proposal covers the provisions for manoeuvring lamps in Regulation No. 48; it is drafted as 04 series of amendments. The modifications to the Regulation No. 48 are marked in **bold** for new or ~~strike through~~ for deleted characters.

I. Proposal

Insert a new paragraph 2.7.31., to read:

"2.7.31. **"Manoeuvring lamp"** means a lamp used to provide supplementary illumination to the side of the vehicle to assist during slow manoeuvres."

Paragraph 5.15., amend to read:

"5.15. The colours of the ...
...
adaptive front- lighting systems (AFS): white.
exterior courtesy lamp : white.
manoeuvring lamp: white"
..."

Insert new paragraphs 6.26. to 6.26.9., to read:

- 6.26. Manoeuvring lamps (Regulation No. 23)**
- 6.26.1. Presence**
 - Optional**
- 6.26.2. Number**
 - One or two (one per side)**
- 6.26.3. Arrangement**
 - No special requirement, however the requirements of paragraph 6.26.9. apply.**
- 6.26.4. Position**
 - No special requirement.**
- 6.26.5. Geometric Visibility**
 - No special requirement.**
- 6.26.6. Orientation**
 - Downwards, however the requirements of paragraph 6.26.9. apply.**
- 6.26.7. Electrical Connections**
 - Manoeuvring lamps shall be switched on only in conjunction with [at least one of](#) the lamps mentioned under paragraph 5.12.**
 - The manoeuvring lamp(s) may only be activated automatically for slow manoeuvres up to 10 km/h provided that one of the following conditions is fulfilled:**
 - (a) **prior to the vehicle being set in motion for the first time after each manual activation of the propulsion system.; or**
 - (b) **Reverse gear is engaged; or**
 - (c) **A [camera based](#) system which assists parking maneuvers is activated.**

Deleted:

The manoeuvring lamps shall switch off automatically when the vehicle is moving forward at a speed exceeding 10 km/h; in this case they shall remain switched off until the conditions above for activation are met again.

6.26.8. Tell-tale

No special requirement.

6.26.9. Other requirements

6.26.9.1. The technical service shall, to the satisfaction of the authority responsible for type-approval, perform a visual test to verify that there is no direct visibility of the apparent surface of these lamps, if viewed by an observer moving on the boundary of a zone bounded by a transverse plane 10 m from the front of the vehicle, a transverse plane 10 m from the rear of the vehicle, and two longitudinal planes 10 m from each side of the vehicle; these four planes to extend from 1_m to 3 m above the ground.

Deleted: within a zone

At the request of the applicant and with the consent of the Technical Service this requirement may be verified by a drawing or simulation.

6.26.9.2. The requirement of 6.26.9.1. shall be deemed to be met provided the conditions of installation defined in paragraph 6.2. of Regulation No. 23 and indicated in the approval communication are met.”

ANNEX 1
COMMUNICATION

Insert new paragraph 9.27., to read:
.....

9.26. Manoeuvring lamps: yes/no ⁽¹⁾

Renumber 9.26. and 9.27.

II. Justification

The present proposal addresses those parts of document ECE/TRANS/WP.29/GRE/2011/30 which concern provisions for manoeuvring lamps.

These amendments should be classified as a separate series to distinguish them from the amendments to Regulation No. 48 concerning exterior courtesy lamps, which are treated in a further OICA proposal.

As the manufacturers of trucks and buses have indicated their interest in installing these lamps, the restriction to categories M1 and N1 has been removed.

The number has been corrected to permit either one or two devices; in the latter case there must be one per side.

The provisions to ensure that there is no disturbance to other road users have been revised along the lines of paragraph 5.10. to define restricted zones 10 m from the vehicle in all four directions and at a given range of height above the ground. To ensure these requirements are fulfilled, the lamps must be type-approved devices. The possibility of using a drawing or simulation has been introduced for more flexibility in testing.

In addition, if further restrictions beyond those in Regulation No. 23 are required, it is proposed to restrict the visibility of the apparent surface to a greater extent than that provided in Paragraph 5.10.
