

6 December 2012

Agreement

Concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 47: Regulation No. 48

Revision 6 – Amendment 9

Supplement 9 to the 04 series of amendments - Date of entry into force: 18 November 2012

Uniform provisions concerning the approval of vehicles with regard to the installation of lighting and light-signalling devices



UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Contents, amend to read:

" ...

Annexes

...

13 Observing area towards the apparent surface of manoeuvring lamps "

The text of the Regulation,

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 6.26.9.2., to read:

"6.26. Manoeuvring lamps (Regulation No. 23)

6.26.1. Presence

Optional on motor vehicles.

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 so connected that they cannot be activated unless the main-beam headlamps or the dipped-beam headlamps are switched ON at the same time.

The manoeuvring lamp(s) shall 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 manoeuvres is activated

The manoeuvring lamps shall be automatically switched off if the forward speed of the vehicle exceeds 10 km/h and they shall remain switched off until the conditions 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 on 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 and parallel to the ground as shown in Annex 13.

6.26.9.2. At the request of the applicant and with the consent of the Technical Service the requirement of paragraph 6.26.9.1. may be verified by a drawing or simulation or deemed to be satisfied if the installation conditions comply with paragraph 6.2.3. of Regulation No. 23, as noticed in the communication document in Annex 1, paragraph 9."

Annex 1,

Insert a new item 9.26., to read:

"9.26. Manoeuvring lamps: yes/no²....."

Items 9.26. (former) and 9.27., renumber as items 9.27. and 9.28.

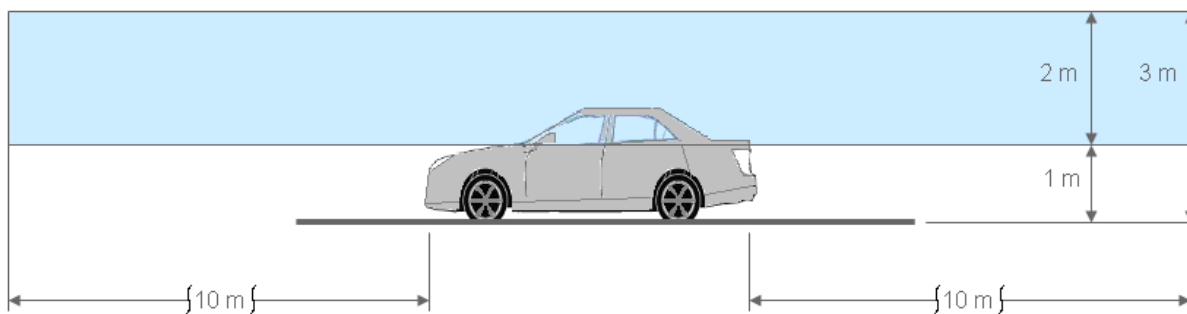
Insert a new Annex 13, to read:

"Annex 13

Observing area towards the apparent surface of manoeuvring lamps

Zones of observation

This drawing shows the zone from one side, the other zones are from the front, the rear and from the other side of the vehicle



Boundaries of the zones

