

Corrections to GRE/2018/41

Collective Amendments to UN Regulations Nos. 48, 53, 74 and 86

I. Proposal

A. Supplement [12] to the 06 [and Supplement 1 to the 07] series of amendments to Regulation No. 48 (Installation of lighting and light-signalling devices)

Insert a new paragraph 2.9.1.6.1., to read:

"2.9.1.6.1. **"LED substitute light source"** means a LED light source of a category which has a counterpart light source category producing light by another light generating technology."

Paragraph 3.2.5., amend to read:

"3.2.5. ~~The application shall include~~ a statement of the method used for the definition of the apparent surface (see paragraph 2.10.4.);"

Insert a new paragraph 3.2.8., to read:

"3.2.8. **if a LED substitute light source is approved to be used in a lamp installed on a vehicle type, a declaration shall be made in the communication form.**

~~at the discretion of the manufacturer, a statement indicating whether lamps approved for and equipped with LED substitute light sources are allowed to be installed on the vehicle or not and, if this is allowed, which lamps."~~

Insert a new paragraph 5.32., to read:

"5.32. The use of lamps approved for and equipped with LED substitute light source(s), is allowed exclusively in the case where the statement indicated in paragraph 3.2.8. is present and positive.

To verify that this statement is respected, both at the type approval and in the conformity of production verification, the presence of the marking on the lamps related to the use of LED substitute light source(s) shall be checked."

Annex 1, insert a new item 9.30., to read:

"9.30. Lamps approved for and equipped with LED substitute light source(s) are allowed to be installed on this vehicle type: yes/no^{2,3}

.....
³ If yes, list the applicable lamps."

B. Supplement [3] to the 02 series of amendments to Regulation No. 53 (Installation of lighting and light-signalling devices for L₃ vehicles)**

Paragraph 3.2.5., amend to read:

"3.2.5. ~~The application shall include~~ a statement of the method used for the definition of the apparent surface (see paragraph 2.6.);"

Insert a new paragraph 3.2.6., to read:

"3.2.6. if a LED substitute light source is approved to be used in a lamp installed on a vehicle type, a declaration shall be made in the communication form.

~~at the discretion of the manufacturer, a statement indicating whether lamps approved for and equipped with LED substitute light sources are allowed to be installed on the vehicle or not and, if this is allowed, which lamps."~~

Insert a new paragraph 5.22., to read:

"5.22. The use of lamps approved for and equipped with LED substitute light source(s), is allowed exclusively in the case where the statement indicated in paragraph 3.2.6. is present and positive.

To verify that this statement is respected, both at the type approval and in the conformity of production verification, the presence of the marking on the lamps related to the use of LED substitute light source(s) shall be checked."

Annex 1, insert a new item 9.23., to read:

"9.23. Lamps approved for and equipped with LED substitute light source(s) are allowed to be installed on this vehicle type: yes/no^{2,4}

.....
⁴ If yes, list the applicable lamps."

C. Supplement [11] to the 01 series of amendments to Regulation No. 74 (Installation of lighting and light-signalling devices (mopeds))

Paragraph 3.2.5., amend to read:

"3.2.5. ~~The application shall include~~ a statement of the method used for the definition of the apparent surface (see paragraph 2.6.);"

Insert a new paragraph 3.2.6., to read:

"3.2.6. if a LED substitute light source is approved to be used in a lamp installed on a vehicle type, a declaration shall be made in the communication form.

~~at the discretion of the manufacturer, a statement indicating whether lamps approved for and equipped with LED substitute light sources are allowed to be installed on the vehicle or not and, if this is allowed, which lamps."~~

** GRE is also invited to consider whether similar amendments should be introduced as a draft Supplement 20 to the 01 series of amendments to Regulation No. 53 (note by the secretariat).

Insert a new paragraph 5.20., to read:

"5.20. The use of lamps approved for and equipped with LED substitute light source(s), is allowed exclusively in the case where the statement indicated in paragraph 3.2.6. is present and positive.

To verify that this statement is respected, both at the type approval and in the conformity of production verification, the presence of the marking on the lamps related to the use of LED substitute light source(s) shall be checked."

Annex 1, insert a new item 5.12., to read:**"5.12. Lamps approved for and equipped with LED substitute light source(s) are allowed to be installed on this vehicle type: yes/no^{2,5}**

.....
⁵ **If yes, list the applicable lamps."**

D. Supplement 1 to the 01 series of amendments of Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles)

Paragraph 3.2.5., amend to read:

"3.2.5. ~~The application shall include~~ A statement of the method used for the definition of the apparent surface (see paragraph 2.10.);"

Insert a new paragraph 3.2.6., to read:

"3.2.6. if a LED substitute light source is approved to be used in a lamp installed on a vehicle type, a declaration shall be made in the communication form.

~~at the discretion of the manufacturer, a statement indicating whether lamps approved for and equipped with LED substitute light sources are allowed to be installed on the vehicle or not and, if this is allowed, which lamps."~~

Insert a new paragraph 5.21., to read:

"5.21. The use of lamps approved for and equipped with LED substitute light source(s), is allowed exclusively in the case where the statement indicated in paragraph 3.2.6. is present and positive.

To verify that this statement is respected, both at the type approval and in the conformity of production verification, the presence of the marking on the lamps related to the use of LED substitute light source(s) shall be checked."

Annex 1, insert a new item 5.29., to read:

"5.29. Lamps approved for and equipped with LED substitute light source(s) are allowed to be installed on this vehicle type: yes/no^{2,4}

.....
⁴ **If yes, list the applicable lamps."**

II. Justification

1. OICA experts consider that the initial requirement of paragraph 3.2.8. in UN Regulation No. 48 is redundant with the request in the communication form, paragraph 9.30.
2. The new proposal improves the paragraph and reproduces the same change into UN Regulations Nos. 53,74 and 86.