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Item 4.6.1 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for the 04 series of amendments to UN Regulation No. 53 "Installation of lighting and light-signalling devices for L₃ vehicles"

Submitted by the Working Party on Lighting and Light-Signalling*

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its eighty-eighth session (ECE/TRANS/WP.29/GRE/88, para. 10). It is based on ECE/TRANS/WP.29/GRE/2023/4. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2023 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (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.



Paragraph 6.1.1.1., amend to read:

“6.1.1.1. For motorcycles having a cylinder capacity $\leq 125 \text{ cm}^3$ and a maximum power $\leq 11 \text{ kW}^{(*)}$

One or two, type-approved according to Class A, B, CS or DS of the 01 or subsequent series of amendments to UN Regulation No. 149.”

Paragraph 6.1.1.2., amend to read:

“6.1.1.2. For motorcycles having a cylinder capacity $> 125 \text{ cm}^3$ or a maximum power $> 11 \text{ kW}^{(*)}$

One or two, type-approved according to Class A, B, or DS of the 01 or subsequent series of amendments to UN Regulation No. 149.

Two, type-approved according to Class CS of the 01 or subsequent series of amendments to UN Regulation No. 149.

* The power limits are based on maximum continuous rated power for electric propelled vehicles and maximum net power for vehicles propelled with a combustion engine.”

Paragraph 6.1.6.1., amend to read:

“6.1.6.1. The passing-beam(s) may remain switched ON with the driving-beam(s).

However, when the vehicle is fitted with secondary driving-beam(s) approved in accordance with UN Regulation No. 149, at least one of the following lamps shall remain switched ON with the secondary driving-beam(s):

- (a) Passing-beam(s);
- (b) Driving-beam of Class A or B approved according to the 01 or subsequent series of amendments to UN Regulation No. 149.”

Paragraph 6.2.1.1., amend to read:

“6.2.1.1. For motorcycles having a cylinder capacity $\leq 125 \text{ cm}^3$ and a maximum power $\leq 11 \text{ kW}^{(*)}$

One or two, type-approved according to Class C, CS or DS of the 01 or subsequent series of amendments to UN Regulation No. 149.”

Paragraph 6.2.1.2., amend to read:

“6.2.1.2. For motorcycles having a cylinder capacity $> 125 \text{ cm}^3$ or a maximum power $> 11 \text{ kW}^{(*)}$

One or two, type-approved according to Class C or DS of the 01 or subsequent series of amendments to UN Regulation No. 149.

Two, type-approved according to Class CS of the 01 or subsequent series of amendments to UN Regulation No. 149.”

Paragraphs 6.2.3.1.4., 6.2.5.7., 6.2.5.8. (twice) and 6.2.6.1.(twice), replace “UN Regulation No. 113 or 149” with “UN Regulation No. 149”.

Paragraph 6.3.2., amend to read:

“6.3.2. Arrangement

Two front indicators, type-approved as category 1, 1a or 1b according to the 01 or subsequent series of amendments to UN Regulation No. 6, or to the 00 or subsequent series of amendments to UN Regulation 148; or category 11, 11a, 11b or 11c according to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.

Two rear indicators, type-approved as category 2 according to the 01 or subsequent series of amendments to UN Regulation No. 6, or to the 00 or

subsequent series of amendments to UN Regulation No. 148; or category 12 according to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.”

Paragraph 6.4.1., amend to read:

“6.4.1. Number

One or two, type-approved as a category S1 device according to the 02 or subsequent series of amendments to UN Regulation No. 7, or to the 00 or subsequent series of amendments to UN Regulation No. 148; or as a stop lamp for category L vehicles according to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.

Optional one, type-approved as a category S3 device according to the 02 or subsequent series of amendments to UN Regulation No. 7, or to the 00 or subsequent series of amendments to UN Regulation No. 148.”

Paragraph 6.5.1., amend to read:

“6.5.1. Number

One, type-approved as category 2 according to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.

The device may consist of several optical components designed to illuminate the space reserved for the registration plate.”

Paragraph 6.6.1., amend to read:

“6.6.1. Number

One or two if coloured white;

or

Two (one per side) if coloured amber.

The device(s) shall be type-approved according to the 02 or subsequent series of amendments to UN Regulation No. 7, or to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.”

Paragraph 6.7.1., amend to read:

“6.7.1. Number

One or two, type-approved according to the 02 or subsequent series of amendments to UN Regulation No. 7, or to the 00 or subsequent series of amendments to UN Regulation Nos. 50 or 148.”

Paragraph 6.8.1., amend to read:

“6.8.1. Number

One or two, type-approved as Class IA or IB according to the 02 or subsequent series of amendments to UN Regulation No. 3, or to the 00 or subsequent series of amendments to UN Regulation No. 150.”

Paragraph 6.10.1., amend to read:

“6.10.1. Number

One or two, type-approved as Class “F3” according to the 03 or subsequent series of amendments to UN Regulation No. 19, or to the 00 or subsequent series of amendments to UN Regulation No. 149.”

Paragraph 6.11.1., amend to read:

“6.11.1. Number

One or two, type-approved according to the 00 or subsequent series of amendments to UN Regulation Nos. 38 or 148.”

Paragraph 6.12.1., amend to read:

- “6.12.1. Number per side
- One or two, type-approved as Class IA or IB according to the 02 or subsequent series of amendments to UN Regulation No. 3, or to the 00 or subsequent series of amendments to UN Regulation No. 150.”

Paragraph 6.13.2., amend to read:

- “6.13.2. Number
- One or two, type-approved according to the 00 or subsequent series of amendments to UN Regulation Nos. 87 or 148.”

Paragraph 6.16.1.1., amend to read:

- “6.16.1.1. One, type-approved as adaptive driving-beam (ADB) for vehicles of category L₃ according to the 01 or subsequent series to UN Regulation No. 149.”

Insert a new paragraph 11.12., to read:

- “11.12. Transitional provisions applicable to the 04 series of amendments
- 11.12.1. As from the official date of entry into force of the 04 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals under this Regulation as amended by the 04 series of amendments.
- 11.12.2. As from 1 September 2028, Contracting Parties applying this Regulation shall not be obliged to accept type approvals to the preceding series of amendments, first issued after 1 September 2028.
- 11.12.3. Until 1 September 2030, Contracting Parties applying this Regulation shall accept type approvals to the preceding series of amendments, first issued before 1 September 2028.
- 11.12.4. As from 1 September 2030, Contracting Parties applying this Regulation shall not be obliged to accept type approvals, and extensions thereof, issued to the preceding series of amendments to this Regulation.
- 11.12.5. Notwithstanding the transitional provisions above, Contracting Parties who start to apply this Regulation after the date of entry into force of the most recent series of amendments are not obliged to accept type approvals which were granted in accordance with any of the preceding series of amendments to this Regulation.
- 11.12.6. Notwithstanding paragraph 11.12.4., Contracting Parties applying this Regulation shall continue to accept type approvals to the preceding series of amendments to this Regulation and extension thereof, for the vehicles which are not affected by the changes introduced by the 04 series of amendments.
- 11.12.7. Contracting Parties applying this Regulation may grant type approvals according to any preceding series of amendments to this Regulation.
- 11.12.8. Contracting Parties applying this Regulation shall continue to grant extensions of existing approvals to any preceding series of amendments to this Regulation.”
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