

Proposal for Supplement 18 to the 00 series of amendments to Regulation No. 4

(REAR REGISTRATION PLATE LAMPS)

Note: The text reproduced below was prepared by the expert from Japan to add registration plates used in non-European Contracting Parties based on GRE-69-23. The modifications to the existing text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Paragraph 1.1, amend to read:

- "1.1. "Rear registration plate lamp" means the device for the illumination of rear registration plates, hereinafter called "illuminating device", which illuminates the rear registration plate by reflection. For the approval of this device, the illumination of the space to be occupied by the plate is determined. **The illuminated areas are grouped into the following categories:**"

Insert new paragraphs 1.1.1. to 1.1.5., to read:

- "1.1.1. **Category 1a: For use to illuminate a registration plate, the size of which is 340 x 240 mm or less (tall plate).**
- 1.1.2. **Category 1b: For use to illuminate registration plate, the size of which is 520 x 120 mm or less (wide plate).**
- 1.1.3. **Category 1c: For use to illuminate registration plate, the size of which is 240 x 165 mm or less (plate for agricultural or forestry tractors).**
- 1.1.4. **Category 2a: For use to illuminate registration plate, the size of which is 330 x 165 mm or less.**
- 1.1.5. **Category 2b: For use to illuminate registration plate, the size of which is 440 x 220 mm or less."**

Paragraph 2., amend to read:

- "2. APPLICATION FOR APPROVAL

The application for approval shall be submitted by the holder of the trade name or mark or by his duly accredited representative. It shall specify whether the device is intended to illuminate **category 1a), 1b, 1c, 2a, 2b a wide plate (520 x 120 mm), tall plate (340 x 240 mm), plate for agricultural or forestry tractors (120 x 165 mm)** or any combination of those plates **according to 1.1.1. -5.**

At the choice of the applicant,"

Annex 2 paragraph 9, amend to read:

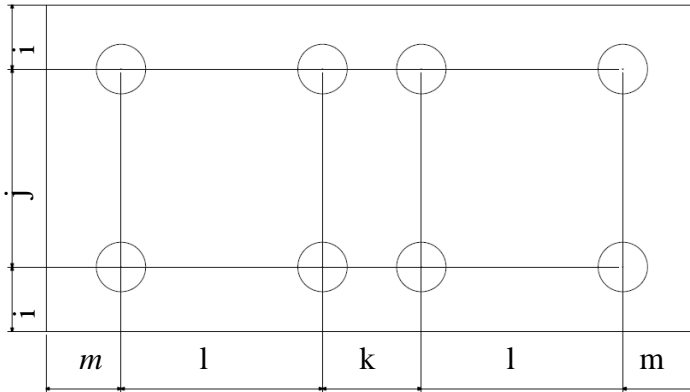
- "9. Concise description: ^{3/}
Device for illuminating:
~~a tall plate~~
~~a wide plate~~
~~a plate for agricultural or forestry tractor~~
Category 1a, 1b, 1c, 2a, 2b^{2/}
Number and category(ies) of filament lamp(s):
....."

Annex 3, amend to read:

Annex 3
MEASUREMENT POINTS FOR TEST PURPOSES

- (a) **Space for a plate of Category 1a**
~~devices for illuminating a tall plate (340 x 240 mm)~~
.....
- (b) **Space for a plate of Category 1b**
~~devices for illuminating a wide plate (520 x 120 mm)~~
.....
- (c) **Space for a plate of Category 1c**
~~devices for illuminating a plate for agricultural or forestry tractors (240 x 165 mm)~~
.....

Space for a plate of Category 2a (330 x 165 mm)



i= 32.5mm

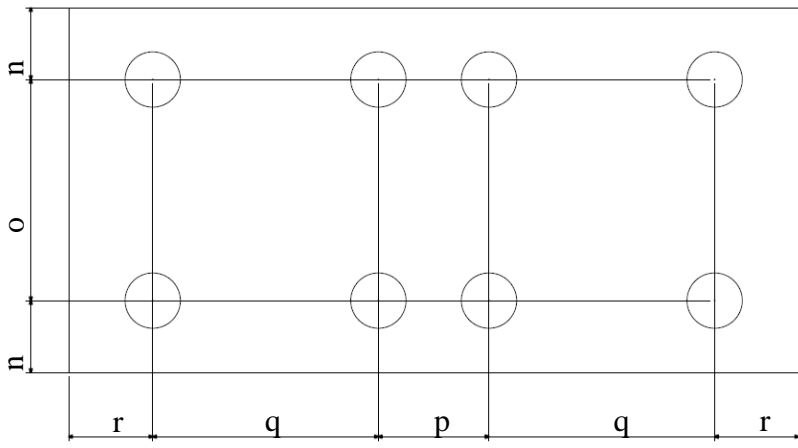
j= 100mm

k= 50mm

l= 100mm

m= 40mm

Space for a plate of Category 2b (440 x 220 mm)



n=50mm

o=120mm

p=50mm

q=145mm

r=50mm

II. Justification

1. Currently, no uniform international standards on the sizes of registration plates exist, and each country/region uses its own unique registration plate.
2. UN Regulation No. 4 specifies requirements regarding the function to illuminate registration plates that are used primarily in Europe. In order to extend the categories of different plate sizes used in non-European Contracting Parties to the 1958 Agreement, Japan proposed at the 69th session of GRE to include the devices that have the function to illuminate areas where registration plates of non-European Contracting Parties to the 1958 Agreement can be mounted, in addition to the plates already specified in the Regulation, while ensuring the conspicuity of these plates. We considered that this would make it possible to obtain approvals simultaneously for the devices intended to illuminate plates used in Contracting Parties to the 1958 Agreement in Europe as well as outside of Europe and to extend mutual recognition of approvals, thereby facilitating the IWVTA.
3. We surveyed the sizes of registration plates currently used around the world and studied how we could optimize the illuminated areas. The results show that adding two new categories will allow Japan and many other countries to accede to R4
4. In this proposal, each category is defined more precisely from paragraph 1.1.1. to 1.1.5. in order to avoid any mismatch between the registration plate lamp and the size of the mounted registration plate. The applicant shall choose a registration plate lamp of a category matching the size of the registration plate the vehicle will be fitted with.
