

Proposal to amend the requirements of UN Regulations Nos. 7, 87 and 48 regarding tell-tale indicating a failure.

Note: The text reproduced below was prepared by the experts of the Task Force Tell-Tales (TF-TT). The modifications to the existing text of the UN Regulations are marked in bold for new or strikethrough for deleted characters.

I. PROPOSAL

A. UN Regulation No. 7

Paragraph 6.1.7.2., amend to read:

6.1.7.2. The lamp shall comply with the minimum intensity required in the table of standard light distribution in space as shown in Annex 4 when any one light source has failed. However, for lamps designed for only two light sources, 50% of the minimum intensity in the axis of reference of the lamp shall be considered sufficient, provided that a note in the communication form states that the lamp is only for use on a vehicle fitted with **an operating** tell-tale which indicates when any one of these two light sources has failed.

Annex 2, item 9, amend to read:

9. Concise description:

9.1. By category of lamp:

For mounting either outside or inside or both ⁽¹⁾

Colour of light emitted: red/white ⁽¹⁾

Number, category and kind of light source(s):

Voltage and wattage:

Light source module specific identification code:

Only for limited mounting height of equal to or less than 750mm above the ground: yes/no ⁽¹⁾

Geometrical conditions of installation and relating variations, if any:

Application of an electronic light source control gear/variable intensity control:

(a) Being part of the lamp: yes/no ⁽¹⁾

(b) Being not part of the lamp: yes/no ⁽¹⁾

Input voltage(s) supplied by an electronic light source control gear/variable intensity control:

Electronic light source control gear/variable intensity control manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body):

Variable luminous intensity: yes/no ⁽¹⁾

The front position lamp⁽¹⁾, rear position lamp⁽¹⁾, stop lamp⁽¹⁾, end-outline marker lamp⁽¹⁾ is only for use on a vehicle fitted with a tell-tale indicating failure: yes/no ⁽¹⁾

⁽¹⁾ Strike out what does not apply.

B. UN Regulation No. 87

Paragraph 7.4.2., amend to read:

7.4.2. In case of failure of any one light source in a single lamp containing more than one light source, one of the following provisions shall apply:

- a) The light intensity at the points of standard light distribution defined in Annex 3 to this Regulation shall be at least 80% of the minimum intensity required, or
- b) The light intensity in the axis of reference shall be at least 50 per cent of the minimum intensity required, provided that a note in the communication form states that the lamp is only for use on a vehicle fitted with an **operating** tell-tale **indicating failure**.

Annex 1, item 9, amend to read:

9. Concise description:

By category of lamp:

Number, category and kind of light source(s): ⁽¹⁾

Voltage and wattage:

Application of an electronic light source control gear:

(a) being part of the lamp yes/no ⁽²⁾

(b) being not part of the lamp yes/no ⁽²⁾

Input voltage supplied by an electronic light source control gear:

Electronic light source control gear manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body):

The lamp is only for use on a vehicle fitted with a tell-tale indicating failure: yes/no ⁽²⁾

⁽¹⁾ For daytime running lamps with non-replaceable light sources indicate the number and total wattage of the light source used.

⁽²⁾ Strike out what does not apply.

C. UN Regulation No. 48

Paragraph 6.7.8., amend to read:

6.7.8. Tell-tale

Tell-tale optional, **however a tell-tale indicating failure is mandatory if required by the device regulation.**

Where **the above tell-tale is** fitted, this tell-tale shall be an operating tell-tale consisting of a non-flashing warning light which comes on in the event of the malfunctioning of the stop lamps.

Paragraph 6.9.8., amend to read:

6.9.8. Tell-tale
Circuit-closed tell-tale mandatory.

This tell-tale shall be non-flashing and shall not be required if the instrument panel lighting can only be turned on simultaneously with the front position lamps. In the case

This requirement does not apply when light signalling system operates according to Paragraph 6.2.7.6.2.

However, a tell-tale indicating failure is mandatory if required by the device regulation.

Paragraph 6.10.8., amend to read:

6.10.8. Tell-tale
Circuit-closed tell-tale mandatory. It shall be combined with that of the front position lamps.

This requirement does not apply when light signalling system operates according to Paragraph 6.2.7.6.2.

However, a tell-tale indicating failure is mandatory if required by the device regulation.

Paragraph 6.13.8., amend to read:

6.13.8. Tell-tale
Tell-tale optional. If it exists, its function shall be carried out by the tell-tale required for the front and rear position lamps.

However, a tell-tale indicating failure is mandatory if required by the device regulation.

Paragraph 6.19.8., amend to read:

6.19.8. Tell-tale
Closed-circuit tell-tale optional, **however a tell-tale indicating failure is mandatory if required by the device regulation.**

Annex 1, item 9, amend to read:

...	
9.9.	Stop lamps: yes/no ⁽¹⁾
9.9.1	Tell-tale indicating failure required by device regulation: yes/no⁽¹⁾
...	
9.11.	Front position lamps: yes/no ⁽¹⁾
9.11.1	Tell-tale indicating failure required by device regulation: yes/no⁽¹⁾

- ...
- 9.12. Rear position lamps: yes/no⁽¹⁾
- 9.12.1. **Tell-tale indicating failure required by device regulation:**
yes/no⁽¹⁾
- ...
- 9.15. End-outline marker lamps: yes/no⁽¹⁾
- 9.15.1 **Tell-tale indicating failure required by device regulation:**
yes/no⁽¹⁾
- ...
- 9.21. Daytime running lamps: yes/no⁽¹⁾
- 9.21.1 **Tell-tale indicating failure required by device regulation:**
yes/no⁽¹⁾
- ...

⁽¹⁾ Strike out which does not apply.

II. JUSTIFICATION

1. In UN Regulation Nos. 7 and 87 there are provisions that require a tell-tale for the respective lamp category. Therefore, it is necessary that the description of the component (i.e. the device Regulation) is indicating whether a tell-tale is required or not.
2. In addition, in the communication form of UN Regulation No. 48 it has to be documented that a tell-tale is present.
3. Furthermore, the following remark should be noted:

Remark: *In UN Regulation No. 121 it should at least be allowed that the symbol “19. Position, side marker, and/or end-outline marker lamps” may be shown in other colours than specified in column 5.*