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Working Party on Lighting and Light-Signalling (GRE)

(Fifty-third session, 4-8 October 2004,  
agenda item 13.2.)

**PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 19**

(Front fog lamps)

Transmitted by the experts from France and Germany

Note: The text reproduced below was prepared jointly by the experts from France and Germany, in order to clarify their position with regard to the type approval of front fog lamps of the sealed beam type. The modification to the existing text of the Regulation is marked in **bold** characters.

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Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

GE.04-22879

**A. PROPOSAL**

Paragraph 2.2.1., amend to read:

"2.2.1. **a brief technical specification including the category of filament lamp used as listed in Regulation No. 37, even if the filament lamp cannot be replaced;**"

Insert a new paragraph 5.3., to read:

"5.3. **The headlamp shall be equipped with one filament lamp approved according to Regulation No. 37, even if the filament lamp cannot be replaced. Any Regulation No. 37 filament lamp may be used, provided that no restriction on the application is made in the table of contents of Regulation No. 37.**"

Paragraphs 5.3. and 5.4. (former), renumber as paragraphs 5.4. and 5.5.

Paragraph 6.3., amend to read (and deleting the table):

"6.3. A colourless-bulb standard (reference) filament lamp of the category specified by the manufacturer, designed for a rated voltage of 12 V and supplied by the manufacturer, shall be used. During the checking of the front fog lamp the voltage at the terminals of the filament lamp shall be regulated so as to obtain the **reference luminous flux as indicated at the relevant data sheet of Regulation No. 37.**

**During the checking of the front fog lamp the filament lamp of which cannot be replaced, the voltage at the terminals of the filament lamp shall be regulated at 12.0 V."**

Annex 1.

Item 2., amend to read (deleting the list of categories and the reference to footnote 2/):

"2. Front fog lamp using a filament lamp of category ....."

Item 9., after the text "Rated voltage", delete the words "(if sealed beams)" including the brackets.

Annex 4, paragraph 1.2.1.3., amend to read:

"1.2.1.3. Measuring equipment

The measuring equipment shall be equivalent to that used during headlamp approval tests. A standard (reference) filament lamp shall be used for the photometric verification **according to paragraph 6.3. of this Regulation.**"

Annex 5, paragraph 2.1.2.1., amend to read:

"2.1.2.1. Method

Photometric measurements shall be carried out on the samples before and after the test.

These measurements shall be made **according to paragraph 6.3. of this Regulation**, at the following points:

HV and  $E_{\max}$  zone D."

Annex 6, paragraph 1.2., amend to read:

- "1.2. With respect to photometric performances, the conformity of mass-produced front fog lamps shall not be contested if, when testing photometric performances **according to paragraph 6.3. of this Regulation**, of any front fog lamp chosen at random, no measured value deviates unfavourably by more than 20 per cent from the value prescribed in this Regulation (points B 50 and left and right bottom corners of zone D);

If the results of the tests described above do not meet the requirements, tests on the front fog lamp shall be repeated using another standard filament lamp."

Annex 7, paragraph 1.2., amend to read:

- "1.2. With respect to photometric performance, the conformity of mass-produced front fog lamps shall not be contested if, when testing photometric performance of any front fog lamp chosen at random and **according to paragraph 6.3. of this Regulation**, no measured value deviates unfavourably by more than 20 per cent from the values prescribed in this Regulation (points B 50 and left and right bottom corners of zone D)."

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## B. JUSTIFICATION

During the fifty-second GRE session, it was decided to revise TRANS/WP.29/GRE/2004/19, in order to allow the front fog lamp with non-removable filament lamp according to Regulation No. 37, using the wording of Regulation No. 112.

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