

6 December 2012

Agreement

Concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 18: Regulation No. 19

Revision 6 – Amendment 3

Supplement 3 to the 04 series of amendments - Date of entry into force: 18 November 2012

Uniform provisions concerning the approval of power-driven vehicle front fog lamps



UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Paragraphs 5.7. to 5.7.3., amend to read:

- "5.7. In the case of Class F3, irrespective of whether the light sources can be replaced or not, they shall be:
 - 5.7.1. One or more light sources approved according to:
 - 5.7.1.1. Regulation No. 37 and its series of amendments in force at the time of application for type approval, provided that no restriction on their use is made ,
 - 5.7.1.2. Or, Regulation No. 99 and its series of amendments in force at the time of application for type approval,
 - 5.7.2. And/or, one or more LED modules where the requirements of Annex 12 to this Regulation shall apply; compliance with these requirements shall be tested.
 - 5.7.3. And/or light generators where the requirements of Annex 12 to this Regulation shall apply. The compliance with the requirements shall be tested."

Paragraph 5.8., shall be deleted.

Paragraph 6.4.1.4., amend to read:

- "6.4.1.4. In the case of LED modules:

All measurements on front fog lamps equipped with LED module(s) shall be made at 6.3 V, 13.2 V or 28.0 V respectively, if not otherwise specified within this Regulation. LED modules operated by an electronic light source control gear shall be measured with the input voltage as specified by the applicant or with a supply and operating device which replace this control gear for the photometric test. The relevant input parameters (e.g. duty cycle, frequency, pulse shape, peak voltage) shall be specified and stated in the communication form, item 10.6., in Annex 1 to this Regulation."

Paragraph 6.4.3.5., amend to read:

- "6.4.3.5. If the specified luminous intensity requirements are not met, a re-aim of the cut-off position within $\pm 0.5^\circ$ vertical and/or $\pm 2^\circ$ horizontal is allowed. In the re-aimed position all photometric requirements shall be met."

Annex 1,

Item 10.6., insert a new footnote 4, to read:

- "10.6. Application of electronic light source control gear³: yes/no²
Supply to the light source:
Specification of the light source control gear:
Input voltage⁴:
In the case of an electronic light source control gear not being part of the lamp:
Output signal specification:"

⁴ The parameters of the input voltage including duty cycle, frequency, pulse shape and peak voltage shall be included."