

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 43
(Safety glazing materials)

Note: The text reproduced below was prepared by the expert from Belgium in order to propose amendments to ECE/TRANS/WP.29/GRSG/2006/27. The modifications to ECE/TRANS/WP.29/GRSG/2006/27 are marked in **bold** characters.

A. PROPOSAL

Annex 3,

Paragraph 9.1.2.2., amend to read:

- "9.1.2.2. For windscreens of M₁ vehicles ~~8/~~ and **for windscreens of N₁ vehicles derived from a M₁ vehicle, having the same:**
- (a) **driver's seat reference point,**
 - (b) **windscreen dimensional characteristics,**
 - (c) **windscreen inclination angle,**

the test shall be carried out in test area B defined in Annex 18, paragraph 2.3., excluding any opaque obscuration impinging on it.

For windscreens of other categories"

Paragraph 9.2.2.1., amend to read:

- "9.2.2.1. For windscreens of M₁ vehicles and of **N₁ vehicles restricted as described under paragraph 9.1.2.2.,** in test area A, extended to the median plane of the vehicle, and in the corresponding part of the windscreen symmetrical to it about the longitudinal median plane of the vehicle, and also in the reduced test area B according to paragraph 2.4. of Annex 18."

Paragraph 9.2.2.2., amend to read:

- "9.2.2.2. For windscreens of other categories of vehicles, in zone I as defined in paragraph 9.2.5.2. of this annex."

Paragraph 9.2.5.1., amend to read:

- "9.2.5.1. Zones A and B of windscreens for vehicle category M₁ and **N₁ restricted as described under paragraph 9.1.2.2.** are defined in Annex 18 to this Regulation."

Paragraph 9.2.5.2., amend to read:

- "9.2.5.2. Zones of windscreens for other categories of vehicles are defined on the basis of:"

Paragraph 9.2.6., the table, the text in the second row of the first column, amend to read:

"M₁ and N₁ **restricted as described under paragraph 9.1.2.2.**"

Paragraph 9.2.6., the table, the text in the third row of the first column, amend to read:

"Other categories of vehicles"

Paragraph 9.3.5., the table, the text in the second row of the first column, amend to read:

"M₁ and N₁ restricted as described under paragraph 9.1.2.2."

Paragraph 9.3.5., the table, the third row of the first column, amend to read:

"Other categories of vehicles"

B. JUSTIFICATION

Supplement 6 of Regulation No. 43 was adopted in 2001. When preparing the changes through a working group, chaired by Belgium, the core discussion was concerning the permitted impingements in the test area B of windshields for M₁ category vehicles. Since then, many vehicles came on the market with a classification as "M₁ or N₁", the same type of vehicle being used for the transportation of persons or for the transportation of goods.

The approval authorities face a problem as far as it happens that a windshield can be certified when installed on a M₁ category vehicle and cannot be certified for the same vehicle categorized as N₁ because of the opaque obscuration impingements.

The proposal wants to fix the problem when the vehicle being M₁ or N₁ has exactly the same installation of exactly the same windshield in the body and when the seat position is the same, inferring exactly the same visibility zones drawing on the windshield.
