Proposal for draft amendments to Regulation No. 43
(Safety glazing materials)

Note: The text reproduced below was prepared by the expert from France based on documents ECE/TRANS/WP.29/GRSG/2006/27, GRSG-91-18 and Regulation No. 43 as last amended (modifications are in bold).

A. PROPOSAL

Annex 3,

Paragraph 9.1.2.2., amend to read:

"9.1.2.2. For the windscreens of M1 vehicles 8/ 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 the windscreens of N1 vehicles the same test may be carried out either in test area B defined in annex 18, paragraph 2.3., excluding any opaque obscuration impinging on it or in the zone I defined in paragraph 9.2.5.2.3. of this annex.

For windscreens of other categories of vehicles, the test shall be carried out in the zone I defined in paragraph 9.2.5.2.3. of this annex.

8/ As defined in Annex 7 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), (document TRANS/WP.29/78/Rev.1/Amend.2 as last amended by Amend.4"

Paragraph 9.2.2.1., remains unchanged regarding Regulation No. 43 as last amended:

"9.2.2.1. For vehicle category M1 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 vehicles of categories M and N other than M1, in zone I as defined in paragraph 9.2.5.2. of this annex:

(a) in zone I as defined in paragraph 9.2.5.2. of this annex for M2, M3, N2 and N3 vehicles

(b) either in zone I as defined in paragraph 9.2.5.2. of this annex or 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 for N1 vehicles."
Paragraph 9.2.5.1., amend to read:

"9.2.5.1. Zones A and B of windscreens for vehicle category M₁ and N₁ are defined in annex 18 to this Regulation."

Paragraph 9.2.5.2., remains unchanged regarding Regulation No. 43 as last amended

"9.2.5.2. Zones of windscreens for vehicles of categories M and N other than M₁ are defined on the basis of:

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

"M₁ and N₁"

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

"M and N Other categories of vehicles other than M₁"

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

"M₁ and N₁"

Paragraph 9.3.5., in the first column of the table, third row, remains unchanged regarding Regulation No. 43 as last amended

"M and N categories other than M₁"

Annex 18, the title, amend to read:

"PROCEDURE FOR DETERMINING TEST AREAS ON WINDSCREENS OF M₁ CATEGORY VEHICLES IN RELATION TO THE 'V' POINTS"

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 windscreens for M₁ category vehicles. Since then, many vehicles of the N₁ category came on the market with a classification as "M₁ + N₁", the same type of vehicle being used for the transportation of persons or for the transportation of goods came on the market.

The approval authorities face a problem as far as it happens that a windscreen 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 intends to introduce for vehicles of N₁ category the possibility to be fitted with windscreens complying either with M₁ requirements or with current N₁ requirements.