



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/GRSG/2008/15  
11 April 2008

ENGLISH ONLY

---

**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

Ninety-fourth session

Geneva, 21 - 25 April 2008

Item 17 of the provisional agenda

Regulation No. 43  
(Safety glazing)

Proposal for Supplement 11 to Regulation No. 43

Transmitted by the expert from Spain<sup>\*/</sup>

The text reproduced below was prepared by the expert from Spain, in order to propose a marking symbol (XI) for a laminated glass pane other than windscreen.

---

<sup>\*/</sup> In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

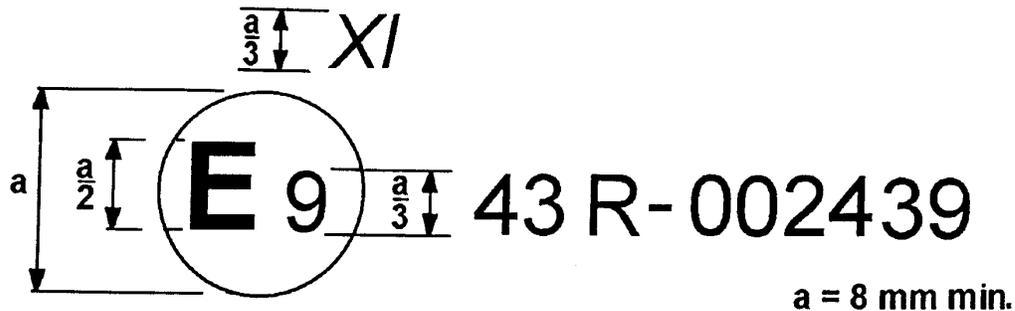
A. PROPOSAL

Insert new paragraph 5.5.8., to read:

"5.5.8. XI in the case of a laminated glass pane other than windscreen."

Annex 2, add the following approval mark example:

Laminated glass panes other than windscreens having a regular light transmittance > 70 per cent



The above approval mark affixed to a laminated glass pane other than a windscreen, shows that the component concerned has been approved in Spain (E 9) pursuant to Regulation No. 43 under approval No. 002439. The approval number indicates that the approval was granted in accordance with the requirements of Regulation No. 43.

B. JUSTIFICATION

Nowadays there is no distinction in Regulation No. 43 on the marking of a laminated glass or an uniformly toughened glass, other than windscreen. The only way of distinguishing these types of glass depends on the choice of the manufacturer in recording the word "laminated" or "tempered" in the proximities of the approval mark as additional information. Regulation No. 36 concerning the approval of large passenger vehicles with regard to their general construction requires that every emergency window shall be made of readily-breakable safety glass. This latter provision precludes the possibility of using panes of laminated glass or of plastic material (paragraph 5.6.8.2.2.). Once the window of a bus is broken it is usually replaced by another of the same dimensions from the second hand market. The problem is that it can be replaced by either a toughened or a laminated one. In order to help the Technical Services of each country to better identify the type of glass which has been installed and to avoid the incorrect use of an emergency type of glass, it would be helpful to distinguish both types of glass by adding the symbol "XI" for laminated glass, other than windscreen, and nothing for toughened glass.

-----