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World Forum for Harmonization of Vehicle Regulations

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Item 4.7.3 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing UN Regulations submitted by GRSG

Proposal for Supplement 10 to the 01 series of amendments to UN Regulation No. 43 (Safety glazings)

Submitted by the Working Party on General Safety Provisions *

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 123rd session (ECE/TRANS/WP.29/GRSG/102, para. 12). It is based on ECE/TRANS/WP.29/GRSG/2022/3 and ECE/TRANS/WP.29/GRSG/2022/4 not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2022 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2022 as outlined in proposed programme budget for 2022 (A/76/6 (part V sect. 20) para 20.76), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



"2.5. "Glass-plastics"

means glazing, other than safety-glass faced with plastics material defined under paragraph 2.4., consisting of any glazing material that comprises one layer of glass and one or more layers of plastic in which a plastic surface of the product faces the inner side."

Paragraph 8.2.1.2., amend to read :

"8.2.1.2. Plastic glazing materials shall be subjected to the tests listed in the following table. In the case of the abrasion test, the applicant shall have the alternative between the Taber test and the set of three tests composed of the carwash, sand drop and the wiper test.

Test	Windscreens		Plastics other than windscreens						
	Rigid plastics	Laminated -rigid plastics	Rigid plastics		Laminated rigid plastics		Multiple glazing		Flexible plastics
	Motorised vehicles		Motorised vehicles	Trailers and unoccupied vehicles	Motorised vehicles	Trailers and unoccupied vehicles	Motorised vehicles	Trailers and unoccupied vehicles	
Flexibility	A3/12	A3/12	A3/12	A3/12	A3/12	A3/12	A3/12	A3/12	A3/12
227 g ball	A17/5	A19/5.2	A14/5	A14/5	A18/5	A18/5	A16/5	A16/5	A15/4
2,260 g ball	-	A19/5.1							
Headform ¹	A17/4	A19/4	A14/4	-	A18/4	-	A16/4	-	-
Light transmission ²	A3/9.1	A3/9.1	A3/9.1	-	A3/9.1	-	A3/9.1	-	A3/9.1
Optical distortion	A3/9.2	A3/9.2	-	-	-	-	-	-	-
Secondary image	A3/9.3	A3/9.3	-	-	-	-	-	-	-
Fire resistance	A3/10	A3/10	A3/10	A3/10	A3/10	A3/10	A3/10	A3/10	A3/10
Chemical resistance	A3/11	A3/11	A3/11.	A3/11	A3/11	A3/11	A3/11	A3/11	A3/11.2 .1
Abrasion ³	A17/6.1	A19/6.1	A14/6.1	-	A18/6.1	-	A16/6.1	-	-
Weathering	A3/6.4	A3/6.4	A3/6.4	A3/6.4	A3/6.4	A3/6.4	A3/6.4	A3/6.4	A3/6.4
Humidity	A17/6.4	A19/6.4	A14/6.4	A14/6.4	A18/6.4	A18/6.4	A16/6.4	A16/6.4	-
Cross-cut ²	A3/13	A3/13	A3/13	-	A3/13	-	A3/13	-	-
High temperature	-	A3/5	-	-	A3/5	-	-	-	-
Radiation resistance	-	A3/6	-	-	A3/6	-	-	-	-
Resistance to temperature changes	-	A3/8	-	-	-	-	-	-	-

¹ Test requirements are dependent on the location of the glazing within the vehicle.

² Applies only if the glazing is to be used in a location requisite for driving visibility.

³ Either Taber test or the set of sand drop, carwash and wiper test."