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Item 16.1 of the provisional agenda

Consideration of technical regulations

to be listed in the Compendium of

Candidates for UN GTRs, if any

Listing Number 8: Federal Motor Vehicle Safety Standard;

FMVSS No. 205 Glazing Materials and its appended documentation

Request to re-insert in the Compendium of Candidate for UN GTR, Federal Motor Vehicle Safety Standard; FMVSS No. 205 Glazing Materials

Submitted by the representative of the United States of America*

The document reproduced below is submitted by the representative of the United States of America to the Executive Committee (AC.3) for consideration. It is a request to re-insert in the Compendium of Candidates the FMVSS No. 205 on glazing materials. In order to be considered by AC.3, this request is accompanied by a copy of the regulation mentioned (see Article 5, paras. 5.2.1., 5.2.1.1. and 5.2.2. of the 1998 Agreement).

* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), 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.



Request to re-insert in the Compendium of Candidate for UN GTR, Federal Motor Vehicle Safety Standard; FMVSS No. 205 Glazing Materials.

1. United States of America requests to re-insert in the Compendium of Candidates Federal Motor Vehicle Safety Standard; FMVSS No. 205 Glazing Materials. FMVSS No. 202 was already included in the Compendium as Listing No. 8 and then removed owing to the establishment of UN GTR No. 6.

I. Background

2. This standard specifies requirements for glazing materials for use in motor vehicles and motor vehicle equipment to reduce injuries resulting from impact to glazing surfaces, to ensure a necessary degree of transparency in motor vehicle windows for driver visibility, and to minimize the possibility of occupants being thrown through the vehicle windows in collisions. This standard applies to passenger cars, multipurpose passenger vehicles, trucks designed to carry at least one person, buses, motorcycles, slide-in campers, pickup covers designed to carry persons while in motion and low speed vehicles, and to glazing materials for use in those vehicles.

II. Description of Regulation

3. Standard No. 205 specifies performance requirements for the types of glazing that may be installed in motor vehicles. It also specifies the vehicle locations in which the various types of glazing may be installed. The standard incorporates, by reference, American National Standards Institute (ANSI) Standard Z26.1, "Safety Code for Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways," as amended through 1980 (Z26). The requirements in ANS Z26.1 are specified in terms of performance tests that the various types or "items" of glazing must pass. There are 21 "items" of glazing for which requirements are currently specified in Standard No. 205. To ensure the safety performance of vehicle glazing, Standard No. 205 includes a total of 32 specific tests. Each item of glazing is subjected to an appropriate selection of these tests. It is the particular combination of tests that dictates the requisite properties of a particular item of glazing, and where in a motor vehicle the glazing may be installed.

III. Related documents

6. Attachments 49 CFR part 571 (up to date as of 07/19/2024) and 571.205 Standard No. 205, glazing materials.
