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Item 6 of the provisional agenda

Regulation No. 90 (Replacement brake linings)

Proposal for Supplement 2 to the 02 series of amendments to Regulation No. 90 (Replacement brake lining assemblies)

Submitted by the expert from FEMFM *

The text reproduced below was prepared by the expert from the Federation of European Manufacturers of Friction Materials (FEMFM) proposing to align the requirements for chemically and physically identical brake lining assemblies or drum brake linings. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the program of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, program activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Insert new paragraph 2.2.13., to read

"2.2.13. Identical brake lining assembly means a replacement brake lining assembly which is chemically and physically identical with the exception of the vehicle and/or brake manufacturers mark, which is absent, to the original brake lining assembly."

Insert new paragraph 2.2.14., to read

"2.2.14. Identical drum brake lining means a replacement drum brake lining which is chemically and physically identical with the exception of the vehicle and/or brake manufacturers mark, which is absent, to the original drum brake lining."

Insert new paragraph 5.1.2., to read

"5.1.2. Identical replacement brake lining assemblies and identical drum brake linings do not need to be tested to the requirements of paragraph 5.2., provided that the applicant for approval can demonstrate to the approval authority that she/he supplies the brake lining assemblies or the drum brake linings to the vehicle or brake manufacturer as original equipment, and that he produces the parts under the same production and quality assurance system and conditions as for the original parts."

II. Justification

It seems logical, as for discs and drums, that brake lining assemblies or drum brake linings which also are chemically and physically identical to the original part are deemed to satisfy all legal requirements related to the vehicle. Thus, any new testing against the requirements of this Regulation appears as a waste of resources and money.

Obviously, it is essential that the applicant can demonstrate to the authority that the part he is applying for approval is chemically and physically identical to the original part he is selling to the brake maker or directly to the vehicle manufacturer.
