

16 November 2022

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 77 – UN Regulation No. 78

Revision 2 - Amendment 3

Supplement 2 to the 04 series of amendments – Date of entry into force: 8 October 2022

Uniform provisions concerning the approval of vehicles of categories L1, L2, L3, L4 and L5 with regard to braking

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2022/48.



UNITED NATIONS

* Former titles of the Agreement:

Agreement concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958 (original version); Agreement concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions, done at Geneva on 5 October 1995 (Revision 2).



Annex 3, paragraph 1.1.3., amend to read:

"1.1.3. Measurement of PBC:

The PBC is measured as determined by the Type Approval Authority using either:

- (a) An ASTM International (ASTM) E1136-19-standard reference test tyre, in accordance with ASTM Method E1337-19, at a speed of 40 mph; or
- (b) An ASTM International (ASTM) F2493-20 standard reference test tyre, in accordance with ASTM Method E1337-19, at a speed of 40 mph¹; or
- (c) The method specified in the Appendix 1 to this annex.

¹ In this case, the obtained PBC shall be converted into the equivalent value corresponding to ASTM E1136-19 standard reference test tyre, according to the correlation equation described in ASTM E1337-19. "