

25 September 2024

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 99 - Regulation No. 100

Revision 2 - Amendment 6

Supplement 5 to the 02 series of amendments – Date of entry into force: 15 June 20224

Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/118.



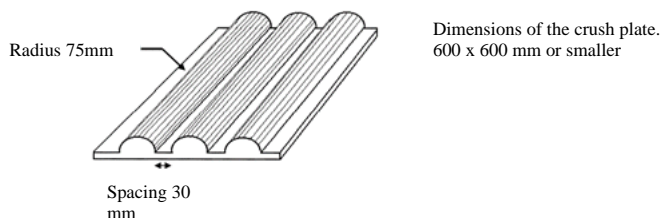
UNITED NATIONS

* 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 8D, paragraphs 3.2.1., amend to read:

"3.2.1. Crush force

The tested-Device shall be crushed between a resistance and a crush plate as described in figure 1 with a force of at least 100 kN, but not exceeding 105 kN, unless otherwise specified in accordance with Paragraph 6.4.2 of this Regulation, with an onset time less than 3 minutes and a hold time of at least 100 ms but not exceeding 10s.



A higher crush force, a longer onset time, a longer hold time, or a combination of these, may be applied at the request of the manufacturer.

The application of the force shall be decided by the manufacturer together with the technical service having consideration to the direction of travel of the REESS relative to its installation in the vehicle. The application force being applied; (a) horizontally and in the direction of travel of the REESS, and (b) horizontally and perpendicular to the direction of travel of the REESS. For each of the test directions specified, a separate test-device may be used.

The test shall end with an observation period of 1 h at the ambient temperature conditions of the test environment."