

2 July 2021

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 114 – UN Regulation No. 115

Revision 1 - Amendment 5

Supplement 10 to the original version of the Regulation – Date of entry into force: 9 June 2021

Uniform provisions concerning the approval of:

- I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion systems**
- II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion systems**

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2020/118.



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).

Add a new paragraph 2.5.1.6., to read:

- "2.5.1.6. The family relation shall be considered valid for Hybrid Electric Vehicles (HEVs), as defined in paragraph 2.21.2. of UN Regulation No. 83, with the following conditions:
- (a) If at least one Off-vehicle charging (OVC) vehicles is tested as parent vehicle according to this regulation, the family relation can be considered valid for all OVC-HEV vehicles complying with para. 2.5.1.1. to para. 2.5.1.5. above.
 - (b) If at least one Not-off-vehicle charging (NOVC) vehicles is tested as parent vehicle according to this Regulation, the family relation can be considered valid for all NOVC-HEV vehicles complying with para. 2.5.1.1. to para. 2.5.1.5. above."

Add a new paragraph 6.1.2.4.1.6.4., to read:

"6.1.2.4.1.6.4.Special provisions for Hybrid Electric Vehicles (HEVs)

In case of Hybrid Electric Vehicles, as defined in paragraph 2.21.2. of UN Regulation No. 83, the procedure described in UN Regulation No. 83 Annex 14 shall be applied during type I test."

Paragraph 6.1.2.4.3.1., amend to read:

"6.1.2.4.3.1. The emissions of CO₂ are calculated according to UN Regulation No. 101 or to UN GTR No. 15 as applicable, for each parent vehicle, if applicable.

In case of HEVs, special provisions of Annex 8 to UN Regulation No. 101 or calculation of Annex 8 to UN GTR No. 15, as applicable, shall be applied.

The mean of CO₂ emissions shall be calculated as follows:

...."

Add a new paragraph 6.2.2.4.1.6.4., to read:

"6.2.2.4.1.6.4.Special provisions for Hybrid Electric Vehicles (HEVs)

In case of Hybrid Electric Vehicles, as defined in paragraph 2.21.2 of UN Regulation No. 83, the procedure described in UN Regulation No. 83 Annex 14 or in Annex 8 to UN GTR No. 15, as applicable, shall be applied during type I test."

Paragraph 6.2.2.4.3.1., amend to read:

"6.2.2.4.3.1. The emissions of CO₂ are calculated according to UN Regulation No. 101 or to UN GTR No. 15 as applicable, for each parent vehicle, if applicable.

In case of HEVs, special provisions of Annex 8 to UN Regulation No. 101 or calculation of Annex 8 to UN GTR No. 15, as applicable, shall be applied.

The mean of CO₂ emissions shall be calculated as follows:

...."
