

22 February 2017

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*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 114 – Regulation No. 115

Revision 1 - Amendment 2

Supplement 7 to the original version of the Regulation – Date of entry into force:
9 February 2017

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.29/2016/44.




UNITED NATIONS

* Former title 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.

GE.17-02012(E)



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Annex 1A-Addendum, amend to read:

"Annex 1A – Addendum

Addendum to the communication concerning a type of LPG retrofit equipment pursuant to Regulation No. 115

(Approval No. Extension No.)

1. Vehicles on which the retrofit equipment has been tested:

<i>Vehicle No.</i>	<i>1</i>	<i>2</i>	<i>n</i>
Make:			
Type:			
Category:			
Engine type:			
Emission level:			
Power:			
Pollution control system type:			

1.1. Test results:

<i>Vehicle No.</i>	<i>Petrol</i>					<i>LPG</i>				
	<i>Power (kW)</i>	<i>CO (g/km)</i>	<i>HC (g/km)</i>	<i>NO_x (g/km)</i>	<i>CO₂¹ (g/km)</i>	<i>Power (kW)</i>	<i>CO (g/km)</i>	<i>HC (g/km)</i>	<i>NO_x (g/km)</i>	<i>CO₂¹ (g/km)</i>
1										
2										
n										

¹ Applicable to vehicles of category M₁ and N₁ only.

2. Ratios:

2.1. Ratio CO₂: CO₂ LPG/CO₂ petrol:

2.2. Ratio Power: LPG/Power petrol:

3. List of vehicles type(s) for which the retrofit equipment type is qualified:

	<i>Vehicle type</i>	<i>Engine type</i>	<i>Power (kW)</i>
1			
2			
3			
n			

"

Annex 1B-Addendum, amend to read:

"Annex 1B – Addendum

Addendum to the communication concerning a type of CNG retrofit equipment pursuant to Regulation No. 115

(Approval No. Extension No.)

1. Vehicles on which the retrofit equipment has been tested:

<i>Vehicle No.</i>	<i>1</i>	<i>2</i>	<i>n</i>
Make:			
Type:			
Category:			
Engine type:			
Emission level:			
Power:			
Pollution control system type:			

1.1. Test results:

<i>Vehicle No.</i>	<i>Petrol</i>					<i>CNG</i>				
	<i>Power (kW)</i>	<i>CO (g/km)</i>	<i>HC (g/km)</i>	<i>NO_x (g/km)</i>	<i>CO₂¹ (g/km)</i>	<i>Power (kW)</i>	<i>CO (g/km)</i>	<i>HC (g/km)</i>	<i>NO_x (g/km)</i>	<i>CO₂¹ (g/km)</i>
1										
2										
n										

¹ Applicable to vehicles of category M₁ and N₁ only.

- 2. Ratios:
 - 2.1. Ratio CO₂: CO₂ CNG/CO₂ petrol:
 - 2.2. Ratio Power: CNG/Power petrol:
- 3. List of vehicles type(s) for which the retrofit equipment type is qualified:

	<i>Vehicle type</i>	<i>Engine type</i>	<i>Power (kW)</i>
1			
2			
3			
n			

"
