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

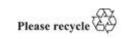
This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2016/44.



UNITED NATIONS

GE.17-02012(E)







^{*} 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.

Annex 1A-Addendum, amend to read:

"Annex 1A – Addendum

Addendum to the communication concerning a type of LPG

(Approv	al No				Extensio	n No	•••••)	
1. V	ehicles o	on which	the retr	ofit equi	pment ha	s been te	sted:			
Vehicle No.				1		2		n		
Make:										
Type:										
Catego	ry:									
Engine	type:									
Emissi	on level:									
Power:										
Polluti	on contro	ol systen	ı type:							
1.1. T	est resul	ts:		•		-		J.		
			Petrol			LPG				
Vehicle	Power	СО	НС	NO_x	$CO_2^{\ I}$	Power	СО	НС	NOx	$CO_2^{\ I}$
	(kW)	(g/km)	(g/km)	(g/km)	(g/km)	(kW)	(g/km)	(g/km)	(g/km)	(g/km)
No.										
No. 1										
1										
1 2	ble to vel	nicles of o	category I	M ₁ and N	only.					
1 2 n 1 Applica	able to vel	nicles of o	category I	M ₁ and N	only.					
1 2 n 1 Applica 2. R	Catios:				only.					

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

	Vehicle type	Engine type	Power (kW)
1			
2			
3			
n			

Annex 1B-Addendum, amend to read:

(Approval No.

"Annex 1B – Addendum

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

Extension No.)

1. Vehicles on which the retro	ofit equipment has b	een tested:				
Vehicle No.	1	2	n			
Make:						
Type:						
Category:						
Engine type:						
Emission level:						
Downer						

1.1. Test results:

Pollution control system type:

	Petrol				CNG					
Vehicle No.	Power (kW)	CO (g/km)	HC (g/km)	NO _x (g/km)	CO ₂ ¹ (g/km)	Power (kW)		HC (g/km)	NOx (g/km)	CO ₂ ¹ (g/km)
1										
2										
n										

¹ Applicable to vehicles of category M₁ and N₁ only.

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

	Vehicle type	Engine type	Power (kW)
1			
2			
3			
n			