|  |  |
| --- | --- |
|  | E/ECE/324/Rev.2/Add.114/Rev.1/Amend.2−E/ECE/TRANS/505/Rev.2/Add.114/Rev.1/Amend.2 |
|  |  | 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[[1]](#footnote-2)\*

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

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 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.

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**UNITED NATIONS**

*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:

|  |  |  |  |
| --- | --- | --- | --- |
| *Vehicle No.* | *1* | *2* | *n* |
| Make: |  |  |  |
| Type: |  |  |  |
| Category: |  |  |  |
| Engine type: |  |  |  |
| Emission level: |  |  |  |
| Power: |  |  |  |
| Pollution control system type: |  |  |  |

1.1. Test results:

|  |  |  |
| --- | --- | --- |
|  | *Petrol* | *LPG* |
| *Vehicle**No.* | *Power**(kW)* | *CO**(g/km)* | *HC**(g/km)* | *NOx**(g/km)* | *CO21**(g/km)* | *Power**(kW)* | *CO**(g/km)* | *HC**(g/km)* | *NOx**(g/km)* | *CO21**(g/km)* |
| 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:

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Vehicle type* | *Engine type* | *Power (kW)* |
| 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:

|  |  |  |  |
| --- | --- | --- | --- |
| *Vehicle No.* | *1* | *2* | *n* |
| Make: |  |  |  |
| Type: |  |  |  |
| Category: |  |  |  |
| Engine type: |  |  |  |
| Emission level: |  |  |  |
| Power: |  |  |  |
| Pollution control system type: |  |  |  |

1.1. Test results:

|  |  |  |
| --- | --- | --- |
|  | *Petrol* | *CNG* |
| *Vehicle**No.* | *Power**(kW)* | *CO**(g/km)* | *HC**(g/km)* | *NOx**(g/km)* | *CO21**(g/km)* | *Power**(kW)* | *CO**(g/km)* | *HC**(g/km)* | *NOx**(g/km)* | *CO21* *(g/km)* |
| 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:

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Vehicle type* | *Engine type* | *Power (kW)* |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| n |  |  |  |

"

1. \* 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. [↑](#footnote-ref-2)