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| E/ECE/324/Rev.2/Add.121/Amend.4−E/ECE/TRANS/505/Rev.2/Add.121/Amend.4 | | |
|  |  | 2 November 2018 |

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[[1]](#footnote-2)\*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 121: UN Regulation No. 122

Amendment 4

Supplement 4 to the original version of the Regulation - Date of entry into force:   
16 October 2018

Uniform provisions concerning the approval of vehicles of categories M, N and O with regard to their heating systems

This document is meant purely as documentation tool. The authentic and legal binding texts is: ECE/TRANS/WP.29/2018/27.



**UNITED NATIONS**

*Paragraph 6.2.1.*, amend to read:

"6.2.1. The following table indicates which annexes apply to each type of heating system within each vehicle category:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Heating system* | *Vehicle category* | *Annex 4 Air quality* | *Annex 5 Temperature* | *Annex 6 Exhaust* | *Annex 8 LPG safety* |
| Engine waste  heat - water | M |  |  |  |  |
| N |  |  |  |  |
| O |  |  |  |  |
| Engine waste  heat - air  See *Note 1* | M | Yes | Yes |  |  |
| N | Yes | Yes |  |  |
| O |  |  |  |  |
| Engine waste  heat - oil | M | Yes | Yes |  |  |
| N | Yes | Yes |  |  |
| O |  |  |  |  |
| Gaseous fuel  heater - See  *Note 2* | M | Yes | Yes | Yes | Yes |
| N | Yes | Yes | Yes | Yes |
| O | Yes | Yes | Yes | Yes |
| Liquid fuel  heater  See *Note 2* | M | Yes | Yes | Yes |  |
| N | Yes | Yes | Yes |  |
| O | Yes | Yes | Yes |  |
| Electric heater  See *Note 2* | M |  | Yes |  |  |
| N |  | Yes |  |  |
| O |  | Yes |  |  |

*Note 1*: Heating systems which comply with the requirements of Annex 3 are exempt from these test requirements.

*Note 2*: Heaters located outside the passenger compartment, using water as a transfer medium, are deemed to comply with Annexes 4 and 5."

1. \* 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). [↑](#footnote-ref-2)