

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*

(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

* 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).

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:

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