

7 July 2011

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## 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)

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## **Addendum 121: Regulation No. 122**

### **Amendment 2**

Supplement 2 to the original version of the Regulation - Date of entry into force: 23 June 2011

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



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\* 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.

*Paragraph 5.3.*, amend to read:

"5.3. Vehicle Installation Requirements for Combustion Heaters and for Electric Heaters"

*Paragraph 5.3.1.1.*, amend to read:

"5.3.1.1. Subject to paragraph 5.3.1.2., heaters shall be installed according to the requirements of paragraph 5.3."

*Paragraph 5.3.2.*, amend to read:

"5.3.2. Positioning of heater"

*Paragraph 5.3.2.2.*, amend to read:

"5.3.2.2. The heater shall not constitute a risk of fire, even in the case of overheating. This requirement shall be deemed to be met if the installation ..."

*Paragraph 5.3.2.4.*, amend to read:

"5.3.2.4. The label referred to in Annex 7, paragraph 1.4, or a duplicate, must be positioned so that it can be easily read when the combustion heater is installed in the vehicle."

*Paragraph 5.3.3.*, amend to read:

"5.3.3. Fuel supply of Combustion Heaters"

*Paragraph 5.3.4.*, amend to read:

"5.3.4. Exhaust system of Combustion Heaters"

*Paragraph 5.3.5.*, amend to read:

"5.3.5. Combustion air inlet of Combustion Heaters"

*Paragraph 5.3.8.*, amend the title to read:

"5.3.8. Automatic control of the combustion heating system"

*Paragraph 6.1.3.*, amend to read:

"6.1.3. *"Type of heating systems"* means devices which do not differ in essential respects such as:

- Energy supply (e.g. liquid fuel or electricity),
- Transfer medium (e.g. air or water),

..."

*Insert a new paragraph 6.1.5.*, to read:

"6.1.5. *"Electric heater"* means a device using electric energy from an onboard or external source to increase the temperature of the interior of the vehicle. Electrical devices which are installed in addition to the main heating system are not considered as electric heaters according to this Regulation. Besides electric devices installed in components for the sole purpose of heating that component are not considered as electric heaters according to this Regulation."

Paragraph 6.2.1., the table, add a new line, to read:

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<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>
...	...	...	...	...	...
Liquid fuel heater	M	Yes	Yes	Yes	
	N	Yes	Yes	Yes	
See Note 2	O	Yes	Yes	Yes	
Electric heater	M		Yes		
	N		Yes		
	O		Yes		

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