

Proposal for Supplement 4 to the original version of Regulation No. 122 (Heating systems)

The text reproduced below was prepared by the experts from France. It proposes an amendment to UN Regulation No. 122 according to the application of annexes regarding heaters located outside the passenger compartment and using water as a transfer medium. The modifications to the current text of UN Regulation No. 122 are marked in bold for new characters.

I. Proposal

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."

II. Justification

All heaters located outside the passenger compartment and using water as a transfer medium do not need to fulfil the annexes on air quality and temperature without restriction to combustion heaters only.
