

**Economic and Social Council**Distr.: General  
19 July 2019

Original: English

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**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****117th session**

Geneva, 8-11 October 2019

Item 15 of the provisional agenda

**UN Regulation No. 122 (Heating systems)****Proposal for Supplement 6 to UN Regulation No. 122  
(Heating systems)****Submitted by the expert from the European Association of Automotive  
Suppliers\***

The text reproduced below was prepared by the expert from the European Association of Automotive Suppliers (CLEPA) to add a missing footnote and to clarify the application of Annex 4 for heat pumps. The modifications to the existing text of the Regulation are marked in bold for new and strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3.1), the World Forum will develop, harmonize and update UN regulations to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

GE.19-12302(E)



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## I. Proposal

Paragraph 6.2.1., the table, amend 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>
...	...	...	...	...	...
Heat pump	M	<del>Yes</del>	Yes		
<b>See Note 2</b>	N	<del>Yes</del>	Yes		
	O	<del>Yes</del>	Yes		

...

"

## II. Justification

1. The Supplement 5 (ECE/TRANS/WP.29/2019/15) added in the scope of Regulation No. 122 the heat pump as new paragraph 6.1.6., however “Note 2”, which allows for exemptions for the heaters located outside the passenger compartment using water as a transfer medium, does not appear in the new row for “Heat pump” in the table of paragraph 6.2.1. This proposal therefore introduces the (missing) footnote for the heat pump.

2. Additionally, it is not necessary to apply Annex 4 for heat pump because the heat transfer fluid does not contain polluting air. This proposal therefore removes from the table of paragraph 6.2.1. the reference to Annex 4 for the heat pump.

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