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**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**174th session**

Geneva, 13-16 March 2018

Item 4.8.13 of the provisional agenda

**1958 Agreement:  
Consideration of draft amendments**

**to existing UN Regulations submitted by GRSG**

Proposal for Supplement 4 to UN Regulation No. 122 (Heating systems)

**Submitted by the Working Party on General Safety Provisions**[[1]](#footnote-2)\*

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 113thsession (ECE/TRANS/WP.29/GRSG/92, para. 52). It is based on official document ECE/TRANS/WP.29/GRSG/2017/19. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their March 2018 sessions.

Supplement 4 to UN Regulation No. 122 (Heating systems)

*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. \* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update UN regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate. [↑](#footnote-ref-2)