

Proposal for a Supplement to UN Regulation No. 107, 06 and 07 Series of amendments

The text reproduced below was prepared by the expert from Sweden to clarify the provisions for initiating the alarm system to alert the driver of a potential hazardous situation. The modifications to the current text of UN Regulation No. 107 are marked in bold for new characters.

I. Proposal

Annex 3, paragraphs 7.5.1.5., amend to read:

"7.5.1.5. In the case of vehicles having an internal combustion engine or a combustion heater located to the rear of the driver's compartment, the compartment shall be equipped with an alarm system providing the driver with both an acoustic and a visual signal, and activating the hazard warning signal, in the event of excess temperature in the engine compartment and in each compartment where a combustion heater is located.

In addition to the alarm system, //...//, may be equipped with a fire suppression system in the engine compartment and in each compartment where a combustion heater is located.

7.5.1.5.1. The alarm system and the fire suppression system, if fitted, shall be automatically activated through a fire detection system. The detection system shall be designed so as to detect a temperature in the engine compartment, and in each compartment where a combustion heater is located in excess of the temperature occurring during normal operation.

In cases where the fire suppression system design includes an integrated fire detection [activation] system for its activation, that detection system shall also activate the alarm system when activating the fire suppression system. "

II. Justification

1. Most fire suppression systems tested and approved as components have an integrated detection system. The 03 SA introduced the requirement for an alarm system capable of detecting excessive temperature in the engine compartment through and has been the existing technology envisage for the activation of the alarm system but also as described in the regulation the activation for the fire suppression system. Since many FSS

normally have an integrated detection system they should also inform the driver when this detection system activates the FSS separately from the alarm system .

