



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 183rd session

Geneva, 9-11 March 2021

Item 4.8.8 of the provisional agenda

#### 1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRSG

## Proposal for the 09 series of amendment to UN Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles)

### Submitted by the Working Party on General Safety Provisions \*, \*\*

The text reproduced below was adopted by the Working Party on General Safety Provisions at its 119th session, held in October 2020 (ECE/TRANS/WP.29/GRSG/98, paras. 13). It is based on ECE/TRANS/WP.29/GRSG/2020/19, as amended by GRSG-119-09 and GRSG-119-18, and ECE/TRANS/WP.29/GRSG/2020/20, as amended by GRSG-119-19. It is submitted to World Forum for Harmonization of Vehicle Regulations (WP.29) and the Administrative Committee of the 1958 Agreement (AC.1) for consideration and vote at their March 2021 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), 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.

\*\* This document was scheduled for publication after the standard publication date owing to circumstances beyond the submitter's control.



*Insert new paragraphs 10.25. to 10.29., to read:*

- "10.25. As from the official date of entry into force of the 09 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type-approvals under this Regulation as amended by the 09 series of amendments.
- 10.26. As from 1 September 2023, Contracting Parties applying this Regulation shall not be obliged to accept type-approvals to the preceding series of amendments, first issued after 1 September 2023.
- 10.27. Until 1 September 2025, Contracting Parties applying this Regulation shall accept type-approvals to the preceding series of amendments, first issued before 1 September 2023.
- 10.28. As from 1 September 2025, Contracting Parties applying this Regulation shall not be obliged to accept type-approvals issued to the preceding series of amendments to this Regulation.
- 10.29. Notwithstanding paragraphs 10.26. and 10.28., Contracting Parties applying this Regulation shall continue to accept type approvals granted to the 06, 07 or 08 series of amendments to vehicles which are not affected by the 09 series of amendments."

*Annex 1, part 1, Appendix 1, insert a new paragraph 4.4. to read:*

- "4.4. Reference temperature for the detection system (per paragraph 7.5.1.5.1.) : ..."

*Annex 1, part 1, Appendix 3, insert a new paragraph 5. to read:*

- "5. Reference temperature for the detection system (per paragraph 7.5.1.5.1.) : ..."

*Annex 2, amend to read:*

## "Annex 2

### Arrangements of approval marks

Model A

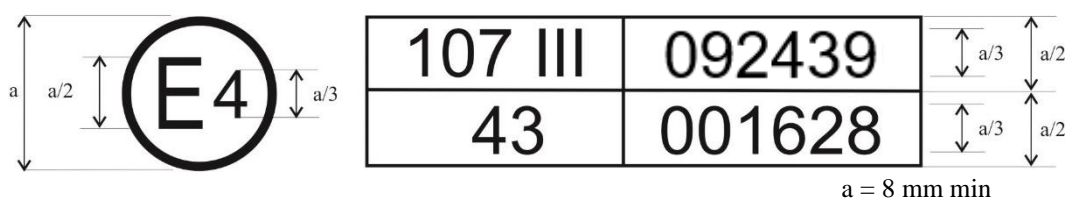
(See paragraph 4.4. of this Regulation)



The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to its constructional features, been approved in the Netherlands (E 4) for Class III, pursuant to UN Regulation No. 107 under approval number 092439. The approval number indicates that the approval was granted according to the requirements of UN Regulation No. 107 as amended by the 09 series of amendments.

Model B

(See paragraph 4.5. of this Regulation)



The above approval mark affixed to a vehicle shows that the vehicle type concerned has been approved in the Netherlands (E 4) pursuant to UN Regulations Nos. 107 and 43\*. The first two digits of the approval numbers indicate that, on the dates on which these approvals were granted UN Regulation No. 107 included the 09 series of amendments and UN Regulation No. 43 was in its original form.

#### Model C

(See paragraph 4.4.3. of this Regulation)



The above approval mark affixed to a vehicle bodywork shows that the bodywork type concerned has, with regard to its constructional features, been approved separately in the Netherlands (E 4) for Class III as a separate bodywork (letter S), pursuant to UN Regulation No. 107 under approval number 092439. The approval number indicates that the approval was granted according to the requirements of UN Regulation No. 107 as amended by the 09 series of amendments."

#### Annex 3

*Paragraph 7.5.1.5.1.* amend to read:

"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 reference temperature occurring during normal operation as declared by the manufacturer.

At the time of Type Approval, this temperature detection shall be verified by the Technical Service, in accordance with the manufacturer's recommendations.

The fire suppression system may alternatively be activated automatically by other means, as long as it activates the alarm system."

*Insert a new paragraph 7.5.7. and 7.5.7.1., to read:*

"7.5.7. Fire event

7.5.7.1 In the case of vehicles of Classes I, II, III and B, having the engine located to the rear of the driver's compartment, in the event of activation of an alarm system:

\* This number is given merely as an example.

- (a) The emergency lighting system according to paragraph 7.8.3., if fitted, shall automatically activate and,
- (b) After a single positive action of the driver on any of the door controls in the driver's compartment, all power-operated doors situated on the side of the vehicle that is nearer of the side of the road corresponding to the direction of traffic for which the vehicle is designed shall open and shall remain in the opened position.

This is applicable when the vehicle is stationary or driving at a speed less than or equal to 3 km/h.

A repeated use of the opening control shall not reverse the opening movement of the door, in order to avoid unintended re-closing in an emergency situation."

*Insert a new paragraph 7.19., to read:*

"7.19. Safety information:

In the case of vehicles of Classes II non low floor, III and B, means to transmit safety information, which permit the operator, driver and/or crew to easily inform the passengers of the safety instructions as e.g. the location of the emergency exits, the location of the fire extinguishers, safety sign, shall be specified by the manufacturer in the application for approval.

These means shall be adapted to the design and architecture of the vehicle with the aim of making the safety instructions easily accessible and intelligible by any passenger."

*Annex 8*

*Paragraph 3.11.3.1.1., amend to read:*

"3.11.3.1.1. Lifts shall only be capable of operation when the vehicle is at standstill. The vehicle shall have a starting prevention device that remains active until the lift is in its stowed position. If the lift gives access to the vehicle through a door referred to in paragraph 3.6 of this Annex, the starting prevention device shall remain active until the door is fully closed Any movement of the platform shall be prevented unless a device preventing the wheelchair from rolling off has been activated or has automatically come into operation."

*Paragraph 3.11.4.1.1., amend to read:*

"3.11.4.1.1. The ramp shall only be capable of operation when the vehicle is at standstill. The vehicle shall have a starting prevention device that remains active until the ramp is in its stowed position or completely disconnected from the vehicle. "

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