



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on General Safety Provisions

#### Ninety-eighth session

Geneva, 3–7 May 2010

Item 18.1 of the provisional agenda

**Other business – Regulation No. 105 (ADR vehicles)**

## **Proposal for amendments to Regulation No. 105**

### **Submitted by the expert from the International Organization of Motor Vehicle Manufacturers \***

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) in order to maintain the alignment between the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) and Regulation No. 105. The modifications to the current text of the Regulation are marked in bold or strikethrough characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

## A. Proposal

*Paragraph 4.2., amend to read:*

“4.2. An approval number shall be assigned to each type approved. Its first two digits (at present ~~0405~~ for the Regulation as amended by the ~~0405~~ series of amendments) shall indicate...”

*Paragraph 5.1.1.6.3., amend to read:*

“5.1.1.6.3. Electrical connections

Electrical connections ... ~~Examples of appropriate eConnections are given in~~ **shall be in conformity with ISO 12098:2004 and ISO 7638:2003, as appropriate.**

*Paragraphs 10.1. to 10.5., amend to read :*

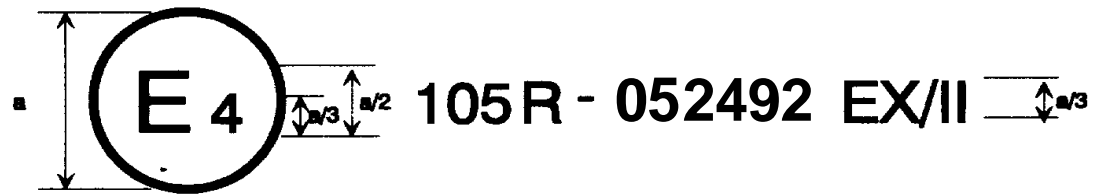
- “10.1. As from the official date of entry into force of the ~~04 05~~ series of amendments, no Contracting Party applying this Regulation shall refuse to grant ECE approval under this Regulation as amended by the ~~04 05~~ series of amendments.
- 10.2. As from ~~1 January 2008~~ **1 January 2012**, Contracting Parties applying this Regulation shall grant ECE approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the ~~04 05~~ series of amendments.
- 10.3. Contracting Parties applying this Regulation shall continue to grant approvals and extensions of such approvals to those types of vehicle which comply with the requirements of this Regulation, as amended by the preceding series of amendments until ~~31 December 2007~~ **31 December 2011**.
- 10.4. No Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the ~~04 05~~ series of amendments to this Regulation.
- 10.5. As from ~~1 January 2008~~ **1 January 2012**, no Contracting Party applying this Regulation shall grant national or regional type approval of a vehicle type approved to the preceding series of amendments to this Regulation.”\*

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\* *Note by the secretariat:* This wording is not in line with WP.29 guidelines on transitional provisions (TRANS/WP.29/1044). Furthermore, it seems that transitional provision 1.6.5.12 of the ADR introduced by ECE/TRANS/WP.15/204 is not taken into account.

Annex 2, Model A, amend the approval mark and the explanatory text below the figure, to read:

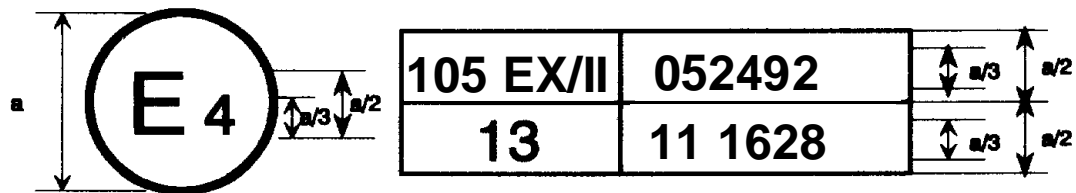
“



The above approval mark ... under the approval number ~~04~~ 052492 and ...requirements of Regulation No. 105, as amended by the ~~04~~ 05 series of amendments.”

Annex 2, Model B, amend the approval mark and the explanatory text below the figure, to read:

“



The above approval mark ... , Regulation No. 105, as amended by the ~~04~~ 05 series of amendments, while Regulation No. 13 already included the ~~09~~ 11 series of amendments.”

## B. Justification

1. Currently, the ADR, 2009 edition, and Regulation No. 105 do not quote the latest versions of standards ISO 12098 and ISO 7638 (Connectors for the electrical connection of towing and towed vehicles) as examples of the connections to be used between motor vehicles and trailers to ensure the appropriate level of protection (IP54) and to prevent accidental disconnection.

2. From the 2011 edition of ADR (see ECE/TRANS/WP.15/204), both standards ISO 12098:2004 and ISO 7638:2003 become mandatory for new vehicles. It is therefore considered necessary to maintain alignment between the ADR and Regulation No. 105. In addition, in order to enable the ADR approval bodies to be confident that the vehicle being inspected is compliant with the new mandatory requirement, the approval plate in Regulation No. 105 needs to show the next level of series of amendments, i.e. 05.

3. As mentioned above, for ADR 2011 the equivalent sentence (paragraph 9.2.2.6.3) will be revised such that the last sentence of the above paragraph now becomes: “Connections shall be in conformity with ISO 12098:2004 and ISO 7638:2003, as appropriate”. An equivalent amendment to the transitional provisions of ADR, 2011 edition (paragraph 1.6.5.4.) was adopted by the Working Party on the Transport of Dangerous Goods (WP.15) at its eighty-seventh session (2-6 November 2009).