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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****106th session**

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Item 15(b) of the provisional agenda

Any other business**Proposal for Supplement 2 to the 05 series of amendments to Regulation No. 105 (ADR vehicles)****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) to align the text of the UN Regulation with that adopted by the Working Party on the Transport of Dangerous Goods (WP.15) on the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), edition 2015. The modifications to the current text of UN Regulation No. 105 are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

I. Proposal

Paragraph 5.1.1.5.1., amend to read (including the deletion of footnote ⁵):

"5.1.1.5.1. Those parts of the electrical installation, including the leads which shall remain energized when the battery master-switch is open, shall be suitable for use in hazardous areas. Such equipment shall meet the appropriate requirements of IEC 60079⁴, parts 0 and 14 and the additional requirements applicable of IEC parts from IEC 60079, parts 1, 2, 5, 6, 7, 11, 15 or 18⁵.

For the application of IEC 60079 part 14⁵, the following classification shall be used:

....."

Paragraph 5.1.1.6.2., amend to read:

"5.1.1.6.2. Lighting

Lamps bulbs with a screw cap shall not be used."

Paragraph 5.1.1.6.3., amend to read (including the renumbering of the reference to and the renumbering of footnote ⁶ to read footnote ⁵):

"5.1.1.6.3. Electrical connections

Electrical connections IEC standard 60529 and be designed to prevent accidental disconnection. Connectors shall be in conformity with **ISO 25981:2008⁵**, ISO 12098:2004⁵, ISO 7638:2003⁵ and EN 15207:2006, as appropriate."

Paragraphs 5.1.2.4. and 5.1.2.5., renumber the reference to and footnote⁷ to read footnote⁶.

II. Justification

UN Regulation No. 105 needs to be updated in accordance with the amendments agreed on by WP.15 at its ninety-fifth session held in November 2013 for the ADR 2015 edition (see report ECE/TRANS/WP.15/221, paras. 30 and 35). This needs to be considered at the forthcoming session of GRSG to align, in due time, the provisions of the UN Regulation with those of ADR 2015.