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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 164<sup>th</sup> session

Geneva, 11-14 November 2014

Item 4.7.4 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRSG**

### **Proposal for Supplement 2 to the 05 series of amendments to Regulation No. 105 (ADR vehicles)**

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

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 106<sup>th</sup> session (ECE/TRANS/WP.29/GRSG/85, para. 49). It is based on ECE/TRANS/WP.29/GRSG/2014/20. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

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\* 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.

*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 60079<sup>4</sup>, parts 0 and 14 and the additional requirements applicable from IEC 60079, parts 1, 2, 5, 6, 7, 11, 15 or 18.

For the application of IEC 60079 part 14, the following classification shall be used:

....."

*Paragraph 5.1.1.6.2.*, amend to read:

"5.1.1.6.2. Lighting

Lamps 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 25981:2008<sup>5</sup>, ISO 12098:2004<sup>5</sup>, ISO 7638:2003<sup>5</sup> and EN 15207:2006, as appropriate."

*Paragraphs 5.1.2.4. and 5.1.2.5.*, renumber the reference to footnote 7 to read footnote 6.

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