

Transmitted by the expert from OICA

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agenda item 13.(b))

Proposal for Supplement 1 to 06 series of amendment of UN Regulation No. 105

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 2019. The modifications to the current text of UN Regulation No. 105 are marked in bold for new or strikethrough for deleted characters.

A. Proposal

Paragraph 5.1.1.2.1., amend to read:

"5.1.1.2.1. Cables

No cable in an electrical circuit shall carry a current in excess of that for which the cable is designed. Conductors shall be adequately insulated.

The cables shall be suitable for the conditions in the area of the vehicle, such as temperature range and fluid compatibility conditions as ~~given in ISO 16750 4:2010 and ISO 16750 5:2010~~, they are intended to be used.

The cables shall be in conformity with standard ISO 6722-1:2011 including its Corr. 01:2012 or ISO 6722-2:2013.

Cables shall be securely fastened and positioned to be protected against mechanical and thermal stresses."

Paragraph 5.1.1.9.1., amend to read:

"5.1.1.9.1. (a) 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 general requirements of IEC 60079⁴, parts 0 and 14 and the additional requirements applicable from IEC 60079, parts 1, 2, 5, 6, 7, 11, 15, ~~or 18~~, **26 or 28.**"

B. Justification

UN Regulation No. 105 needs to be updated in accordance with the amendments agreed on by WP.15 for the ADR 2019 edition.

Document ECE/TRANS/WP.15/240, contains the requested consolidated list of amendments adopted by the Working Party at its 100th, 101st, 102nd and 103rd sessions, see detail amendments for Chapter 9.2.

This needs to be considered at the forthcoming session of GRSG to align, in due time, the provisions of the UN Regulation 105 with those of ADR 2019.
