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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)  
(One-hundred-and-thirty-fourth session,  
16-19 November 2004, agenda item 5.2.19.)

PROPOSAL FOR DRAFT 03 SERIES OF AMENDMENTS TO REGULATION No. 105  
(ADR vehicles)

Transmitted by the Working Party on General Safety Provisions (GRSG)

Note: The text reproduced below was adopted by GRSG at its eighty-sixth session, and is transmitted for consideration to WP.29 and AC.1 (TRANS/WP.29/GRSG/65, para. 46. It is based on document TRANS/WP.29/2004/7 as amended by para. 45 of the report.

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Paragraph 4.2., amend to read:

" ...(at present 03 for the Regulation as amended by the 03 series of amendments) shall..."

Paragraph 5.1., table, in the row 5.1.2.2. put an "x" in the last column.

Rows 5.1.2.2.1. and 5.1.2.2.2. of the table, should be deleted.

Paragraph 5.1.1.3.1., amend to read:

" ...as close to the battery as practicable. If a single pole switch is used it shall be placed in the supply lead and not in the earth lead."

Paragraph 5.1.1.3.2., amend to read:

" ... against inadvertent operation. If the control device(s) are electrically operated, the circuits of the control device(s) are subject to the requirements of paragraph 5.1.1.5."

Paragraph 5.1.1.5.1., amend to read:

" ...  
... temperature class T6, shall be met.

The supply leads for permanently energized equipment shall either comply with the provisions of IEC 60079, part 7 ("Increased safety") and be protected by a fuse or automatic circuit breaker placed as close to the source of power as practicable or, in the case of "intrinsically safe equipment", they shall be protected by a safety barrier placed as close to the source of power as practicable."

Paragraph 5.1.2.2.1., should be deleted.

Paragraph 5.1.2.2.2. (former), to be included in paragraph 5.1.2.2.

Paragraph 5.1.2.5., (including a new foot note 6/), amend to read:

"5.1.2.5. Exhaust system

The exhaust system (including the exhaust pipes) shall be so .... protected by a thermal shield.

The exhaust system of EX/II and EX/III vehicles shall be so constructed and situated that any excess heat shall not constitute a hazard to the load by raising the temperature on the inner surface of the load compartment above 80 °C. 6/

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6/ Compliance with these requirements shall be verified on the completed vehicle."

Paragraph 5.1.2.7. 3. (a), amend to read:

"... the driver's cab"

Paragraph 5.1.2.7. 3. (b), amend to read:

"(b) Stopping of the vehicle ... "

Paragraph 5.1.4, amend to read:

"... of Regulation No. 89, as amended. The device... "

Paragraph 10.1., amend to read:

"... by the 03 series of amendments."

Paragraph 10.2., amend to read:

"... as amended by the preceding series of amendments until 31 December 2005."

Paragraph 10.3., amend to read:

"10.3. As from 1 January 2006 Contracting Parties ...by the 03 series of amendments."

Paragraph 10.4., amend to read:

"... to the 03 series of amendments to this Regulation."

Paragraph 10.5., amend to read:

"10.5. Until 31 December 2005 no Contracting Party... "

Paragraph 10.6., amend to read:

"10.6. As from 1 January 2006 Contracting Parties ... by the 03 series of amendments to this Regulation "

Annex 2,

Model A of the approval mark, in the figure and in the caption below amend the number "02 2492" to read "03 2492" (twice). In addition, in the caption below the figure, amend the words "Regulation No. 105 as amended by the 02 series of amendments" to read "Regulation No. 105 as amended by the 03 series of amendments".

Model B of the approval mark, in the figure amend the number "02 2492" to read "03 2492". In the caption below the figure, amend the words "Regulation No. 105 included the 02 series of amendments" to read "Regulation No. 105 included the 03 series of amendments".

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