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World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)
(Forty-ninth session, 30 September - 4 October 2002,
agenda item 2.5.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 86

(Installation of lighting and light-signalling devices for tractors)

Transmitted by the Expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below is based on the original proposal by GTB (document TRANS/WP.29/GRE/2001/13/Rev.1). It was prepared by the expert from GTB as a separate document, at request of GRE at its forty-eighth session (TRANS/WP.29/GRE/48, paras. 15 and 16).

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

A. PROPOSAL

Add a new paragraph 6.17. to 6.17.6 to read:

"6.17. Rear marking plates for slow moving vehicles (by construction) and their trailers (Regulation No. 69, 01 and 02 series of amendments)

6.17.1. PRESENCE Optional.

6.17.2. NUMBER At least one.

6.17.3. ARRANGEMENT The apex of the rear marking shall be directed upwards. Every part of the marking shall lie within 5° of a transverse vertical plane at right angles to the longitudinal axis of the vehicle and shall face to the rear.

6.17.4. POSITION

6.17.4.1. WIDTH If there is only one rear marking, it must be on the opposite side of the median longitudinal plane of the vehicle to the direction of traffic.

6.17.4.2. HEIGHT Above the ground, not less than 250 mm (lower edge), not more than 1,500 mm (upper edge).

6.17.4.3. LENGTH At the rear of the vehicle.

6.17.5. GEOMETRIC VISIBILITY Horizontal angle:

30° inwards and outwards; covering by indispensable construction parts of the vehicle up to 10 per cent of the rear marking plate surface is permitted.

Vertical angle:

15° above and below the horizontal.

6.17.6. ORIENTATION Rearwards."

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B. EXPLANATORY NOTES

1. At present no installation requirements exist in Regulation No. 86 for the retro-reflective rear marking plates for slow moving vehicles (by construction) and their trailers (Regulation No. 69, 01 and 02 series of amendments).

2. Currently the installation requirements are only recommended in Annex 15 to the Regulation No. 69, 02 series of amendments.

3. The above GTB proposal was originally reproduced in document TRANS/WP.29/GRE/2001/13/Rev.1 - proposals to insert new paragraphs into Regulation No. 48.

4. At its forty-eighth session GRE discussed these proposals and invited the expert from GTB to separate the paragraphs regarding slow moving vehicle rear markings and to reproduce it in a new, separate document in order to insert these proposals into Regulation No. 86 exclusively.
