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Working Party on Lighting and Light-Signalling (GRE)

(Fifty-fifth session, 3-7 October 2005,
agenda item 4.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 86

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

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

Note: The text reproduced below was prepared by the expert from GTB as a follow-up to the discussion of amendments to Regulation No. 86 at the fifty-fourth GRE session (TRANS/WP.29/GRE/54, para. 26). This proposal supersedes TRANS/WP.29/GRE/2004/41. The modifications to the current text of the Regulation are marked in **bold** characters.

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

A. PROPOSAL

Insert a new paragraph 2.6.23., to read:

"2.6.23. "Slow moving vehicle rear marking plate" is a triangular plate with truncated corners with a characteristic pattern faced with retroreflective and fluorescent material or devices; or with retroreflective materials, or devices only."

Paragraph 5.15., amend to read:

..

non-triangular side
reflectors: amber

**slow moving vehicle
rear marking plate: red.**

The definition

Insert a new paragraph 5.16.9., to read:

"5.16.9. slow moving vehicle rear marking plate (para. 6.17.);"

Insert the new paragraphs 6.17. to 6.17.6., to read:

"6.17. Rear marking plates for slow moving vehicles (by construction) and their trailers

6.17.1. PRESENCE **Mandatory.**

6.17.2. NUMBER At least one, the performance of which shall conform to the requirements contained in Regulation No. 69, 01 series of amendments.

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

6.17.5.1. 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.

6.17.5.2. VERTICAL ANGLE: 15° above and below the horizontal.

6.17.6. ORIENTATION: Rearwards."

Annex 1, insert a new item 5.19., to read:

"5.19. Slow moving vehicle rear marking plate: yes/no 3/"

B. JUSTIFICATION

Currently the installation requirements are only recommended in Annex 15 to the Regulation No. 69, 01 series of amendments.

At the 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 series of amendments).

By adding the requirements in a new paragraph 6.17. to Regulation No. 86, Contracting Parties will be in a position to make the use of these marking plates mandatory on all agricultural vehicles in their respective legislation in view of enhancing road safety.
