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Working Party on Lighting and Light-Signalling (GRE)

(Fifty-third session, 4-8 October 2004,
agenda item 4.2.)

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 was prepared by the expert from GTB as a follow-up to the discussion of amendments to Regulation No. 86 at the forty-ninth GRE session (TRANS/WP.29/GRE/49, paras. 45 and 46). The modification to the existing text of the Regulation is marked in **bold** characters.

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

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A. PROPOSAL

Insert new paragraphs 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 Mandatory.

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. JUSTIFICATION

1. Currently the installation requirements are only recommended in Annex 15 to the Regulation No. 69, 02 series of amendments.
 2. 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).
 3. By adding the requirements in a new paragraph 6.17. to Regulation No. 86, Governments 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.
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