

I. Proposal

Supplement **xx** to the **01** series of amendments to Regulation No. 86 (Approval of agricultural or forestry vehicles with regard to the installation of lighting and light-signalling devices)

Paragraph 2.20.1., amend to read:

“2.20.1. “*Slow-Moving Vehicles (SMV) rear marking plate*”, a triangular plate with truncated corners with a characteristic pattern faced with retro-reflective and fluorescent material or devices (class 1); or with retro-reflective materials or devices only (class 2) (see Regulation No. 69 **or [RRD]**).”

Paragraph 6.1., amend to read:

“6.1. Main-beam headlamps (Regulations Nos. 98, 112 and 113 **or [RID]**)”

Paragraph 6.2., amend to read:

“6.2. Dipped-beam headlamps (Regulations Nos. 98, 112 and 113 **or [RID]**)”

Paragraph 6.3., amend to read:

“6.3. Front fog lamps (Regulation No. 19 **or [RID]**)”

Paragraph 6.4., amend to read:

“6.4. Reversing lamp(s) (Regulation No. 23 **or [LSD]**)”

Paragraph 6.5., amend to read:

“6.5. Direction-indicator lamps (Regulation No. 6 **or [LSD]**)”

Paragraph 6.7. and 6.7.1., amend to read:

“6.7. Stop lamps (Regulation No. 7 **or [LSD]**)”

6.7.1. Presence: S1 or S2 of devices as described in Regulation No. 7 **or [LSD]**:
Mandatory on all vehicles.

S3 or S4 of devices as described in Regulation No. 7 **or [LSD]**: Optional on
all vehicles.”

Paragraph 6.8., amend to read:

“6.8. Front position lamps (Regulation No. 7 **or [LSD]**)”

Paragraph 6.9., amend to read:

“6.9. Rear position lamps (Regulation No. 7 **or [LSD]**)”

Paragraph 6.10., amend to read:

“6.10. Rear fog-lamps (Regulation No. 38 **or [LSD]**)”

Paragraph 6.11., amend to read:

“6.11. Parking lamps (Regulations Nos. 77 or 7 **or [LSD]**)”

Paragraph 6.12., amend to read:

“6.12. End-outline marker lamps (Regulation No. 7 **or [LSD]**)”

Paragraph 6.14., amend to read:

“6.14. Rear retro-reflectors, non-triangular (Regulation No. 3 **or [RRD]**)”

Paragraph 6.14.2., amend to read:

“6.14.2. Number: Two or four (see paragraph 6.14.5.1.).

The performances of these devices shall conform to the requirements concerning Class IA or IB retro-reflectors in Regulation No. 3 **or [RRD]**. Additional retro-reflecting devices and materials (including two retro-reflectors not complying with paragraph 6.14.4. below), are permitted provided they do not impair the effectiveness of the mandatory lighting and light-signalling devices.”

Paragraph 6.15., amend to read:

“6.15. Side retro-reflectors, non-triangular (Regulation No. 3 **or [RRD]**)”

Paragraph 6.15.2., amend to read:

“6.15.2. Number:

Such that the requirements for longitudinal positioning are complied with. The performances of these devices shall conform to the requirements concerning Class IA or IB retro-reflectors in Regulation No. 3 **or [RRD]**.

Additional retro-reflecting devices and materials (including two retro-reflectors not complying with paragraph 6.15.4. below), are permitted provided they do not impair the effectiveness of the mandatory lighting and light-signalling devices.”

Paragraph 6.16., amend to read:

“6.16. Rear registration plate illuminating device (Regulation No. 4 **or [LSD]**)”

Paragraph 6.17., amend to read:

“6.17. Front retro-reflectors, non-triangular (Regulation No. 3 **or [RRD]**)”

Paragraph 6.18., amend to read:

“6.18. Side-marker lamps (Regulation No. 91 **or [LSD]**)”

Paragraph 6.19., amend to read:

“6.19. Daytime running lamp (Regulation No. 87 **or [LSD]**)”

Paragraph 6.20., amend to read:

“6.20. Cornering lamp (Regulation No. 119 **or [LSD]**)”

Paragraph 6.21., amend to read:

“6.21. Conspicuity markings (Regulation No. 104 **or [RRD]**)”

Paragraph 6.22., amend to read:

“6.22. SMV rear marking plate (Regulation No. 69 **or [RRD]**)

6.22.1. Presence: Optional on vehicles with a maximum design speed of not more than 40 km/h. Prohibited on all other vehicles.

- 6.22.2. Number: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.
- 6.22.3. Arrangement: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.
- 6.22.4. Position
Width: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.
Height: No individual specifications.
Length: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.
- 6.22.5. Geometric visibility: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.
- 6.22.6. Orientation: According to Annex 15 of Regulation No. 69 **or Annex 24 Part B of Regulation No. [RRD]**.”

Paragraph 6.24., amend to read:

“6.24. Manoeuvring lamps (Regulation No. 23 **or [LSD]**)”

Paragraph 6.24.9.2., amend to read:

“6.24.9.2. The requirement of 6.24.9.1. shall be verified by a drawing or simulation or deemed be satisfied if the installation conditions comply with paragraph 6.2.23. of Regulation No. 23 **or paragraph 5.10.2 of Regulation No. [LSD]**, as noticed in the communication document in Annex 1, paragraph 9.”

Paragraph 6.25., amend to read:

“6.25. Rear retro-reflectors, triangular (Regulation No. 3 **or [RRD]**)”

Paragraph 6.26., amend to read:

“6.26. Signalling panel and signalling foil (Regulations Nos. 70 and 104 **or [RRD]**)”

Annex 6, Paragraph 2., amend to read:

“2. Each panel or foil shall be according to the specifications of Regulation No. 70, class 5 or Regulation No. 104, class F **or Regulation No. [RRD], class 5 or class F.**”

II. Justification

1. With Supplement 06 to the original series of amendments, references to the device Regulations were introduced to Regulation No. 86 for clarification.
2. With the new simplified Regulations on Lighting and Light-Signalling developed by the GRE Informal Working Group “SLR”, the need of additional references in Regulation No. 86 occurred. This amendment deals with the additional references to the new Regulations.
