



## **Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles) 2005 Amendment 4**

I, CATHERINE KING, Parliamentary Secretary for Infrastructure and Transport, determine this vehicle standard under subsection 7 of the *Motor Vehicle Standards Act 1989*.

Dated 14 March 2013

[Signed]

Catherine King

Parliamentary Secretary for Infrastructure and Transport

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**1. LEGISLATIVE PROVISIONS**

1.1. Name of Legislative Instrument

1.1.1. This instrument is the Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles) 2005 Amendment 4.

1.2. Commencement

1.2.1. This instrument commences on the day after it is registered.

**2. AMENDMENT OF VEHICLE STANDARD**

2.1. The changes specified in Schedule 1 amend Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles) 2005.

## SCHEDULE 1

- [1] Clause 2 amend “...IMPLIMENTATION” to “...IMPLEMENTATION”.
- [2] Clause 5.5 amend to read:
- “5.5. For cornering lamps, manufacturers may choose not to meet the requirements of paragraph 6.20 of Appendix A, in which case they must meet the requirements of clause 7.4 of this standard.”
- [3] Insert a new clause 5.6 to read:
- “5.6. For front position lamps, manufacturers may choose not to meet the requirements of paragraph 6.9.1 of Appendix A, in which case they must meet the requirements in clause 8.4 of this standard.”
- [4] Insert a new clause 5.7 to read:
- “5.7. Appendix A refers to several UNECE regulations for lighting components. Read references to these UNECE regulations as references to ADRs as set out in the table below. Where there is no referenced ADR in the table for lighting or marking components, the UNECE regulation referenced in Appendix A shall apply.

Appendix A			
Clause	Title	Where it says	Read as
6.1.	Main-Beam Headlamps	Regulations Nos. 98 and 112	ADRs 46/00 and 77/00
6.2.	Dipped-Beam Headlamps	Regulations Nos. 98 and 112	ADRs 46/00 and 77/00
6.3.	Front Fog Lamps	Regulation No. 19	ADR 50/00
6.4.	Reversing Lamp	Regulation No. 23	ADR 1/00
6.5.	Direction Indicator Lamp	Regulation No. 6	ADR 6/00
6.7.	Stop Lamp	Regulation No.7	ADR 49/00
6.8.	Rear Registration Plate Lamp	Regulation No.4	ADR 48/00
6.9.	Front Position Lamp	Regulation No. 7	ADR 49/00
6.10.	Rear Position Lamp	Regulation No. 7	ADR 49/00
6.11.	Rear Fog Lamp	Regulation No. 38	ADR 52/00
6.12.	Parking Lamp	Regulation No. 77 or 7	ADR 49/00 or approval to UNECE R 77
6.13.	End-Outline Marker Lamp	Regulation No. 7	ADR 49/00
6.14.	Rear Retro-reflector, non-triangular	Regulation No. 3	ADR 47/00
6.15.	Rear Retro-reflector, triangular	Regulation No. 3	ADR 47/00
6.16.	Front Retro-reflector, non-triangular	Regulation No. 3	ADR 47/00
6.17.	Side Retro-reflector, non-triangular	Regulation No. 3	ADR 47/00
6.18.	Side Marker Lamp	Regulation No. 91	ADR 74/00
6.19.	Daytime Running Lamp	Regulation No. 87	ADR 76/00

6.20.	Cornering Lamp	Regulation No. 119	ADR 45/01 or approval to UNECE R 119
6.21.	Conspicuity Markings	Regulation No. 104	Approval to UNECE R 104
6.22.	Adaptive Front lighting Systems	Regulation No. 123	Approval to UNECE R 123

[5] Insert a new clause 6.1.2.1 to read:

“6.1.2.1. Where additional lamps referred to in 6.1.2 above are fitted on TD (O4) category trailers and are front position lamps or front retro-reflectors and the construction (the shape of the bodywork with equipment or accessories) makes it impossible to comply with the requirements of paragraphs 6.9.4.1 or 6.16.4.1 of Appendix A, the lamps need only be fitted as close as possible to the prescribed width limitation; and”

[6] Insert a new clause 6.1.2.1.1 to read:

“6.1.2.1.1. In the case of front retro-reflectors, may be fitted to the equipment or accessories and if so may be either a device or material.”

[7] Clause 6.1.3 renumber as 6.1.4.

[8] Insert a new clause 6.1.3 to read:

“6.1.3. Where the installation of equipment or accessories for operational reasons on TD (O4) category trailers would otherwise cause the apparent surface in the direction of the reference axis of front position lamps or front retro-reflectors to be completely and permanently hidden, such lamps need not be fitted. In this case the additional lamps referred to in 6.1.2.1 above must be fitted instead.”

[9] Clause 6.1.4 renumber as 6.1.5 and amend “...referred to in 6.1.3 above...” to “...referred to in 6.1.4 above...”.

[10] Clause 6.1.5 renumber as 6.1.6.

[11] Delete previous clause 6.1.6.

[12] Clause 6.2 for existing table substitute:

Table 1

LAMP	COLOUR OF EMITTED LIGHT	Component Rule
Main-beam headlamp	White	46/00 or 77/00
Dipped-beam headlamp	White	46/00 or 77/00
Front fog lamp	White or selective yellow	50/00
Reversing lamp	White	1/00
Direction-indicator lamp	Amber	6/00
Hazard warning signal	Amber	6/00
Stop lamp	Red	49/00
Centre high-mounted stop lamp	Red	49/00 or 60/00
Emergency stop signal	Amber or red	6/00, 49/00 or 60/00
Rear-end collision alert signal	Amber	6/00
Rear registration plate lamp	White	48/00
Front position lamp	White. The front position lamp may be amber in colour if the lamp is “combined” with a “Side Marker Lamp” as defined in paragraph 2.7.5 of Appendix A to this vehicle standard, or when fitted to a TD (04) category trailer.	49/00
Rear position lamp	Red	49/00
Rear fog lamp	Red	52/00
Parking lamp	White in front, red at the rear, amber if reciprocally incorporated with side –direction-indicators or side marker lamps.	6/00, 49/00 or approval to UNECE R 77
Side-marker lamp	Amber to the front, red to the rear. For side-marker lamps complying with ADR 74/00 and fitted according to paragraph 6.18 of Appendix A of this vehicle standard, the lamp must emit amber light to the front and rear except for the rearmost lamp which may emit red light.	74/00 or 45/01
End-outline marker lamp	White or amber to the front, red to the rear.	49/00
Daytime running lamp	White	76/00
Rear retro-reflector, non triangular	Red	47/00
Rear retro-reflector, triangular	Red	47/00
Front retro-reflector, non triangular	Incidental to incident light (also known as white or colourless retro-reflector).	47/00
Side retro-reflector, non triangular	Amber: however the rearmost side retro-reflector can be red if it is grouped or has part of the light emitting surface in common with the rear position lamp, the rear end-outline marker lamp, the rear fog lamp, the stop lamp, the red rearmost side-marker lamp or the rear retro-reflector, non-triangular.	47/00
Cornering lamp	White or amber	45/01 or approval to UNECE R 119
Conspicuity marking	White to the front, red or yellow to the side, red or yellow to the rear.	Approval to UNECE R 104
Adaptive Front lighting Systems	White	Approval to UNECE R 123
Exterior courtesy lamp	White	-
External cabin lamp	Amber	45/01

[13] Clause 7.4.1 amend to read:

“7.4.1. **Presence:** see clause 5.5.”

[14] Insert a new clause 7.4.1.1 to read:

“7.4.1.1. Optional on motor vehicles.”

[15] Insert a new clause 7.4.1.2 to read:

“7.4.1.2. Prohibited on trailers.”

[16] Clause 8 amend to read:

**“8. VARIATIONS TO THE REQUIREMENTS FOR LAMPS IN  
APPENDIX A**

Where the installation of a lamp is indicated as optional, this means that it is not mandatory to fit the lamp, but if fitted, the lamp(s) are required to comply.”

[17] Clause 8.2.2 amend “...the second paragraph...” to “...the third paragraph...”.

[18] Clause 8.4.1 amend to read:

“8.4.1. Presence: see clause 5.6 of this standard.”

[19] Clause 8.4.1.3 amend to read:

“8.4.1.3. Mandatory on trailers over 1,600 mm to 1,800 mm wide and over 4 metres in length unless two side marker lamps complying with the requirements of ADR 45/... are fitted to the side of the trailer and positioned in accordance with clauses 7.2.1 and 7.2.2 of this vehicle standard or side marker lamps complying with ADR 74/... are fitted according to paragraph 6.18 of Appendix A of this vehicle standard.”

[20] Clause 8.4.1.5. amend to read:

“8.4.1.5. Mandatory on trailers over 1,800 mm wide unless 2 side marker lamps complying with the requirements of ADR 45/... are fitted to the side of the trailer and positioned in accordance with clauses 7.2.1 and 7.2.2 of this vehicle standard or side marker lamps complying with ADR 74/... are fitted according to paragraph 6.18 of Appendix A of this vehicle standard.”

[21] Delete clause 8.4.1.6.

[22] Clause 8.6.3 amend “...height in clauses 8.6.1 and 8.6.2 above,...” to “...height in clause 8.6.2 above,...”.

[23] Clause 8.12.1. amend to read:

“8.12.1 In paragraph 6.15.1 of Appendix A of this standard, where it states  
Mandatory read Optional.”

[24] Insert a new clause 8.13.3 to read:

“8.13.3 For front retro-reflectors, non-triangular, fitted to a TD (O4) category  
trailer, where the construction (the shape of the bodywork) makes it  
impossible to simultaneously comply with the width and length position  
requirements, front retro-reflectors need not comply with the length  
requirement of paragraph 6.16.4.3.”

[25] Insert a new clause 8.16 to read:

“8.16. FRONT FOG LAMP”

[26] Insert a new clause 8.16.1 to read:

“8.16.1. Geometric Visibility: In paragraph 6.3.5 of Appendix A delete the words  
“...for type approval-purposes....”.

[27] Appendix A header amend “...R48/03” to “...R48/04”.