



Vehicle Standard (Australian Design Rule – Vehicle Lighting) Amendment Instrument 2022 (No.1)

I, CAROL BROWN, Assistant Minister for Infrastructure and Transport make the following determination.

Dated: 19 December, 2022

[Signed]
Carol Brown
Assistant Minister for Infrastructure and Transport

1. Name

This is the Vehicle Standard (Australian Design Rule) Lighting Standards Amendment Instrument 2022 (No.1).

2. Commencement

This instrument commences at the start of the day after it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at www.legislation.gov.au.

3. Authority

This instrument is made under section 12 of the *Road Vehicle Standards Act 2018* (the RVSA)

Note: Some of the instruments amended by this instrument were made under Section 7 of the *Motor Vehicle Standards Act 1989* (the MVSA). The MVSA was repealed on 1 July 2021 as part of the introduction of the RVSA by the *Road Vehicle Standards Consequential and Transitional Act 2018*. At the same time, legislative instruments made under section 7 of the MVSA and were in force on 1 July 2021 were taken to be made under section 12 of the RVSA.

4. Schedules

Each instrument that is specified in a schedule to this instrument is amended as set out in the applicable items in the schedule concerned, any other item in a schedule to this instrument has effect according to its terms.

Schedule 1 – Amendment

Vehicle Standard (Australian Design Rule 1/00 – Reversing Lamps) 2005

1. Amend clause 2. APPLICABILITY AND IMPLIMENTATION to read,
 - “2. APPLICABILITY AND IMPLEMENTATION
 - 2.1. The circumstances under which reversing lamps are mandatory, optional, or prohibited are set out in either ADRs 13/..., 19/... or 67/....”
2. Amend clause 4.1. to read,
 - “4.1. Reversing lamps fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/... and required to comply with ADR 1/00 must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) One of the alternative standards listed in part 7. Alternative Standards.”
3. Amend clause 5.1. to read,
 - “5.1.
Section 9 Conformity of production – partial (for particular deletion to the section refer to clause 5.1.1 and 5.1.2.).
...”
4. Delete clauses 5.2. and 5.3.
5. Amend clause 6.1. to read,
 - “6.1. The requirements and procedures set out in Annexes 5 and 6 of Appendix A set out alternative limits for some of the photometric and colorimetric requirements in sections 5 and 6 of Appendix A. Notwithstanding the limits in sections 5 and 6, lamps within the tolerances set out in Annex 5 sampled in accordance with Annex 6 will be considered compliant.”
6. Amend clause 7.1. to read,
 - “7.1. The technical requirements for reversing lamps in any of the editions of United Nations Regulation No. 23 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REVERSING AND MANOEUVRING LAMPS FOR POWER-DRIVEN VEHICLES AND THEIR TRAILERS.
7. Amend Appendix A title from the following,

APPENDIX A

Regulation No 23.

UN REGULATION No. 23/00 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REVERSING LIGHTS FOR MOTOR VEHICLES AND THEIR TRAILERS

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REVERSING
LIGHTS FOR MOTOR VEHICLES AND THEIR TRAILERS**

to read,

“APPENDIX A

UN REGULATION No. 23/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REVERSING
LIGHTS FOR MOTOR VEHICLES AND THEIR TRAILERS”

Schedule 2 – Amendment

Vehicle Standard (Australian Design Rule 6/00 – Direction Indicators) 2005

1. Amend clause 2. APPLICABILITY AND IMPLIMENTATION to read,
“2. APPLICABILITY AND IMPLEMENTATION
The circumstances under which direction indicators are mandatory, optional, or prohibited are set out in either ADRs 13/..., 19/... or 67/....”
2. Amend clause 4.1. to read,
“4.1. Direction indicators fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/... and required to comply with ADR 6/00 must comply with either:
a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
b) One of the alternative standards listed in part 7. Alternative Standards.”
3. Amend Clause 7.1. to read,
“7.1. The technical requirements of any of the editions of United Nations Regulation No. 6 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF DIRECTION INDICATORS FOR MOTOR VEHICLES AND THEIR TRAILERS.”
4. Amend Appendix A title to read,

“APPENDIX A

UN REGULATION No. 6/01

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF DIRECTION INDICATORS FOR MOTOR VEHICLES AND THEIR TRAILERS”

Schedule 3 – Amendment

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

1. Amend clause 4.2. header row to read,

“4.2. Applicability Table

Vehicle Category	ADR Category Code	UN Category Code	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	N/A	
...				

”

2. Amend clause 6. REQUIREMENTS to read,

“6. REQUIREMENTS

6.1. Vehicles listed in clause 4.2 must comply with this standard by satisfying clause 6.1.1. or 6.1.2. below.

6.1.1. Appendix A as varied by Part 7 Exemptions and Alternative Procedures, Part 8 Supplementary General Requirements, Part 9 Individual Requirements and Part 10 Variations to the Requirements for Lamps in Appendix A.

6.1.2. One of the alternative standards in clause 11.

6.2. Where the fitment 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 with this standard.”

3. Amend clause 7.4. to read,

“7.4. For side marker lamps, manufacturers may choose not to meet the requirements of paragraph 6.18 of Appendix A, in which case they must meet the requirements of clause 9.2. of this standard.”

4. Amend clause 7.5. to read,

“7.5 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 10.3. of this standard.”

5. Amend clause 7.7. and the associated table to read,

“7.7. References to UN regulations for lighting components in the table below are to be read as references to the ADRs as set out in the table below. Where there is no referenced ADR, the UN regulation referenced in the table shall apply.

UN R 48 Clause	Title	UN R/s it references	Equivalent ADR/s
6.1.	Main-Beam Headlamps	Regulations Nos. 98 or 112	ADRs 46/00 and 77/00
6.2.	Dipped-Beam Headlamps	Regulations Nos. 98 or 112	ADRs 46/00 and 77/00
6.2.9.	Other requirements (Headlamp Cleaners)	Regulation No. 45	ADR 75/00
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 86/00
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 87/00
6.21.	Conspicuity Markings	Regulation No. 104	Nil
6.22.	Adaptive Front lighting Systems	Regulation No. 123	Nil
6.26.	Manoeuvring lamps	Regulation No. 23	Nil

”

6. Amend clause 10.3.1. to read,
“10.3.1. Presence: see clause 7.5. of this standard.”
7. Amend clause 10.3.1.3 to read,

“10.3.1.3. 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 74/00 clause 5.1.2. are fitted to the side of the trailer and positioned in accordance with clauses 9.2.1 and 9.2.2 of this vehicle standard or side marker lamps complying with ADR 74/00 Appendix A are fitted according to paragraph 6.18 of Appendix A of this vehicle standard.”

8. Amend clause 10.3.1.5 to read,

“10.3.1.5. Mandatory on trailers over 1,800 mm wide unless 2 side marker lamps complying with the requirements of ADR 74/00 clause 5.1.2. are fitted to the side of the trailer and positioned in accordance with clauses 9.2.1 and 9.2.2 of this vehicle standard or side marker lamps complying with ADR 74/00 Appendix are fitted according to paragraph 6.18 of Appendix A of this vehicle standard.”

Schedule 4 – Amendments

Vehicle Standard (Australian Design Rule 19/02 – Installation of Lighting and Light Signalling Devices on L-Group Vehicles) 2017

1. Amend clause 5.6. header row to read,

“5.6. Applicability Table

Vehicle Category	ADR Category Code	UN Category Code	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	1 Jan 1997	/00, /01

....”

2. Amend clause 6.2. to read,
“Definitions in Appendix A of this standard and where there is no conflict, Vehicle Standard (Australian Design Rule – Definitions and Vehicle Categories) 2005”.
3. Delete clause 6.3.
4. Amend clause 7. to read,
“7. REQUIREMENTS
7.1. Vehicles listed in clause 5.6. must comply with this standard by satisfying clause 7.1.1. or 7.1.2.
7.1.1. Appendix A as varied by Part 8 Exemptions and Alternative Procedures and Part 9 Supplementary General Requirements.
7.1.2. One of the alternative standards in clause 12.”
5. Amend clause 9.1. to read,
“9.1. In addition to the lamps specified in Appendix A, the following lamps may be optionally fitted, or where Mandatory must be fitted. When these lamps are fitted they must comply with the requirements referenced for the type of lamp.”
6. Amend clause 9.2.1. to read,
“9.2.1. Reversing Lamp (clause 10.2.) must be fitted to LB, LD and LE category vehicles if fitted with reverse gear.”
7. Amend clause 9.3.1. to read,
“9.3.1. Reversing Lamp (clause 10.2.) may be fitted to LA and LC category vehicles only if fitted with reverse gear.”
8. Amend clause 9.3.2. to read,
“9.3.2. Front reflex reflector, non-triangular (clause 10.3).”
9. Amend clause 9.3.3. to read,
“9.3.3. Parking Lamp (clause 10.1).”
10. Amend clause 9.3.4. to read,
“9.3.4. Rear fog lamps (clause 11.8).”
11. Amend Clause 9.3.5. to read,
“9.3.5. Driving lamps (clause 11.1).”

12. Amend clause 10.2.1 to read

“10.2.1 Number

One or two lamps complying with ADR 1/00”

13. Amend clause 10.3.1 to read

“10.3.1. Number

One or two reflectors complying with ADR 47/00 for LA, LC and LD categories”

14. Amend Clause 12.1 to read

“12.1. The technical requirements of any of the editions of United Nations Regulation No. 53 –“UNIFORM PROVISIONS CONCERNING THE APPROVAL OF CATEGORY L3 VEHICLES (MOTOR CYCLES) WITH REGARD TO THE INSTALLATION OF LIGHTING AND LIGHT – SIGNALLING DEVICES”

15. Insert clause 12.2. to read

“12.2. For LA category vehicles: The technical requirements of any of the editions of United Nations Regulation No. 74 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOPEDS WITH REGARD TO THE INSTALLATION OF LIGHTING AND LIGHT–SIGNALLING DEVICES.”

Schedule 5 – Amendment

Vehicle Standard (Australian Design Rule 46/00 – Headlamps) 2006.

1. Amend clause 4.1. to read,
 - “4.1. Headlamps fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/...and required to comply with ADR 46/00 must comply with:
 - a) The relevant technical requirements of any of Appendix A, B, C, D, E, F or G as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) One of the alternative standards listed in part 7. Alternative Standards.”.
2. Delete clause 4.2. and footnote 1
3. Amend clause 7. ALTERNATIVE STANDARDS, subclauses 7.1 to 7.9. to read,
 - “7.1. The technical requirements of any of the editions of United Nations Regulation No 1 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM AND/OR A DRIVING BEAM AND EQUIPPED WITH FILAMENT LAMPS OF CATEGORY R2 AND /OR HS1 from the version incorporating the 01 series of amendments.
 - 7.2. The technical requirements of any of the editions of United Nations Regulation No 5 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF POWER-DRIVEN VEHICLE’S “SEALED BEAM” HEADLAMPS (SB) EMITTING A EUROPEAN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH, from the version incorporating the 01 series of amendments up to and including the version incorporating the 02 series of amendments.
 - 7.3. The technical requirements of any of the editions of United Nations Regulation No 8 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH HALOGEN FILAMENT LAMPS (H₁, H₂, H₃, HB₃, HB₄, H₇, H₈, H1R1, H1R2 and/or H₁₁), from the version incorporating the 03 series of amendments.
 - 7.4. The technical requirements of any of the editions of United Regulation No 20 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH HALOGEN FILAMENT LAMPS (H4 LAMPS), from the version incorporating the 01 series of amendments.
 - 7.5. The technical requirements of any of the editions of United Nations Regulation No 31 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF POWER-DRIVEN VEHICLE’S HALOGEN SEALED-BEAM HEADLAMPS (HSB) EMITTING AN EUROPEAN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH, from the version incorporating the 01 series of amendments.

- 7.6. The technical requirements of any of the editions of United Regulation 112 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH FILAMENT LAMPS AND/OR LIGHT-EMITTING DIODE (LED) MODULES.
 - 7.7. The technical requirements of any of the editions of United Nations Regulation 113 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING A SYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH FILAMENT, GAS-DISCHARGE LIGHT SOURCES OR LED MODULES.
 - 7.8. The technical requirements of SAE Standards J579c, December 1978, “Sealed Beam Headlamp Units for Motor Vehicles”.
 - 7.9. The technical requirements of JIS D5500-1995, “Lighting and Signalling Equipment for Automobiles” for asymmetric Grade A, B1 and B2 headlamps.”
4. Amend APPENDIX A, title to read,

“APPENDIX A

UN REGULATION No. 1/01

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM AND/OR A DRIVING BEAM AND EQUIPPED WITH FILAMENT LAMPS OF CATEGORY R2 AND /OR HSI”

5. Amend APPENDIX B, Title to read,

“APPENDIX B

UN REGULATION No. 5/02

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF POWER-DRIVEN VEHICLE’s SEALED BEAM HEADLAMPS (SB) EMITTING A EUROPEAN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH”

6. Amend APPENDIX C, Title to read

“APPENDIX C

UN REGULATION No. 8/04

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH

HALOGEN FILAMENT LAMPS (H1, H2, H3, HB3, HB4, H7, H8 and/or H1R1)”

7. Amend APPENDIX D, title to read,

“APPENDIX D

UN REGULATION No. 20/02

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR DRIVING BEAM OR BOTH EQUIPPED WITH HALOGEN FILAMENT LAMPS (H4 LAMPS)”

8. Amend APPENDIX E, title to read,

“APPENDIX E

UN REGULATION No. 31/02

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HALOGEN SEALED BEAM UNIT (HSB) MOTOR VEHICLE HEAD LAMPS EMITTING AN ASYMETRICAL PASSING BEAM OR DRIVING BEAM OR BOTH”

9. Delete Appendix H

Schedule 6 – Amendment

Vehicle Standard (Australian Design Rule 47/00 – Retroreflectors) 2006

1. Amend clause 4.1. to read,
 - “4.1. Retroreflectors fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/... and required to comply with ADR 47/00 must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 7.1. to read,
 - “7.1. The technical requirements of any of the editions of United Nations Regulation No. 3 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF RETRO-REFLECTING DEVICES FOR POWER DRIVEN VEHICLES AND THEIR TRAILERS, incorporating the 02 series of amendments.”
3. Amend APPENDIX A title to read,

“APPENDIX A

UN REGULATION No. 3/02

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF RETRO-REFLECTING DEVICES FOR POWER-DRIVEN VEHICLES AND THEIR TRAILERS”

Schedule 7 – Amendment

Vehicle Standard (Australian Design Rule 48/00 – Devices for Illumination of Rear Registration Plates) 2006

1. Amend clause 4.1. to read,
 - “4.1. Rear registration plate lamps fitted to vehicles in accordance with ADR 13/... and required to comply with ADR 48/00 must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 7.1 to read,
 - “7.1. The technical requirements of any of the editions of United Nations Regulation 4 UNIFORM PROVISIONS CONCERNING THE APPROVAL OF DEVICES FOR THE ILLUMINATION OF REAR REGISTRATION PLATES OF POWER-DRIVEN VEHICLES AND THEIR TRAILERS.”
3. Delete and replace ATTACHMENT A title to read,

“APPENDIX A

UN REGULATION No. 4/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF DEVICES
FOR THE ILLUMINATION OF REAR REGISTRATION PLATES OF
MOTOR VEHICLES (EXCEPT MOTOR CYCLES) AND THEIR
TRAILERS”

Schedule 8 – Amendment

Vehicle Standard (Australian Design Rule 49/00 – Front and Rear Position (Side) Lamps, Stop Lamps and End-Outline Marker Lamps) 2006

1. Amend clause 4.1. to read,
 - “4.1. Front and rear position (side) lamps, stop lamps, and end end-outline marker lamps fitted to vehicles in accordance with ADR 13/... and required to comply with ADR 49/00 must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements: or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 7.1. to read,
 - “7.1. The technical requirements of United Nations Regulation No. 7 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FRONT AND REAR POSITION LAMPS, STOP LAMPS AND END-OUTLINE MARKER LAMPS FOR MOTOR VEHICLES AND THEIR TRAILERS, including any versions in the 01 series and 02 series of amendments.”
3. Amend APPENDIX A, title to read,

“APPENDIX A

UN REGULATION No. 7/02

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FRONT AND REAR POSITION LAMPS, STOP LAMPS AND END-OUTLINE MARKER LAMPS FOR MOTOR VEHICLES (EXCEPT MOTOR CYCLES) AND TRAILERS”

Schedule 9 – Amendment

Vehicle Standard (Australian Design Rule 50/00 – Front Fog Lamps) 2006

1. Amend clause 4.1. to read,
 - “4.1. Front fog lamps fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/... and required to comply with ADR 50/00 must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 6.1 to read,
 - “6.1 The requirements and procedures set out in Annexes 7 and 8 of Appendix A set out acceptable limits for some of the photometric and colorimetric requirements that apply when the manufacturer is undertaking conformity of production. Notwithstanding the limits in sections 5 and 6, lamps within the tolerances set out in Annex 7 sampled in accordance with Annex 8 will be considered compliant.”
3. Amend Clause 7.1. to read
 - “7.1. The technical requirements of United Regulation No. 19 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF POWER-DRIVEN VEHICLE FRONT FOG LAMPS, including any of the versions in the 01, 02, 03 and 04 series of amendments.”
4. Insert clause 8.3. to read
 - “8.3. In place of Regulation No 99 where referenced in Appendix A, read ADR78.”

Schedule 10 – Amendment

Vehicle Standard (Australian Design Rule 51/00 – Filament Lamps) 2006

1. Amend clause 2.1. to read.

“2.1. ADR 51 is applicable to vehicles fitted with lamps incorporating filament light sources where the specific lamp ADR requires the light source to comply with this rule.”
2. Amend clause 4.1. to read,

“4.1. Filament lamp light sources fitted to vehicles in accordance with lamp ADRs and required to comply with this ADR must comply with either:

 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) The alternative standards set out in part 7. Alternative Standards.”
3. Amend Clause 7.1. to read,

“7.1. The technical requirements of any of the editions of United Nations Regulation No. 37 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FILAMENT LAMPS FOR USE IN APPROVED LAMP UNITS OF POWER-DRIVEN VEHICLES AND OF THEIR TRAILERS.”
4. Amend APPENDIX A title to read

“APPENDIX A

UN REGULATION No. 37/03

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FILAMENT LAMPS FOR USE IN APPROVED LAMP UNITS OF POWER DRIVEN VEHICLES AND THEIR TRAILERS”

Schedule 11 – Amendment

Vehicle Standard (Australian Design Rule 52/00 – Rear Fog Lamps) 2006

1. Amend clause 4.1. to read,
 - “4.1. Rear fog lamps fitted to vehicles in accordance with ADRs 13/..., 19/... or 67/... and required to comply with this ADR must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 7.1. to read,
 - “7.1. The technical requirements of any of the editions of United Regulation No. 38 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REAR FOG LAMPS FOR POWER-DRIVEN VEHICLES AND THEIR TRAILERS.”
3. Amend APPENDIX A, Title to read

“APPENDIX A

UN REGULATION No. 38/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REAR FOG
LAMPS FOR POWER-DRIVEN VEHICLES AND THEIR TRAILERS”

Schedule 12 – Amendment

Vehicle Standard (Australian Design Rule 53/00 – Front and Rear Position Lamps, Stop Lamps, Direction Indicators and Rear Registration Plate lamps for L-Group Vehicles) 2006

1. Amend clause 2.1. to read,
“2.1. The circumstances under which front and rear lamps, stop lamps, direction indicators and rear registration lamps and mandatory, optional or prohibited are set out in either ADRs 19/... or 67/...”
2. Amend clause 4.1. to read,
“4.1. Front and rear lamps, stop lamps, direction indicators and rear registration plate lamps fitted to vehicles in accordance with ADRs 19/.. or 67/... and required to comply with this ADR must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements or
 - b) The alternative standards set out in part 7. Alternative Standards.”
3. Amend clause 6.1. to read,
“6.1. The requirements and procedures set out in paragraphs 5, 6 and 8 of Appendix A of ADR 6 and 49 are acceptable for the purposes of demonstrating compliance with the requirements of paragraphs 6, 7 and 9 of Appendix A.”
4. Amend clause 7.1 to read,
“7.1. The technical requirements of any of the editions of United Nations Regulation No. 50 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FRONT POSITION LAMPS, REAR POSITION LAMPS, STOP LAMPS, DIRECTION INDICATORS AND REAR REGISTRATION PLATE ILLUMINATING DEVICES FOR MOPEDS, MOTOR CYCLES AND VEHICLES TREATED AS SUCH.”
5. Amend APPENDIX A title, to read,
“**APPENDIX A**

UN REGULATION No. 50/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF FRONT POSITION LAMPS, REAR POSITION LAMPS, STOP LAMPS, DIRECTION INDICATORS AND REAR-REGISTRATION PLATE ILLUMINATING DEVICES OF CATEGORY L”

Schedule 13 – Amendment

Vehicle Standard (Australian Design Rule 54/00 – Headlamps for Mopeds) 2006

1. Amend clause 2.1. to read,
 “2.1. The circumstances under which headlamps for mopeds are mandatory, optional or prohibited are set out in either ADRs 19/... or 67/...”
2. Amend clause 4.1. to read,
 “4.1. Headlamps fitted to vehicles in accordance with ADRs 19/.. or 67/.. and required to comply with this ADR must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5 Exemptions and Alternative Procedures and Part 6 Supplementary General Requirements; or
 - b) The alternative standards set out in part 7 Alternative Standards.”
3. Amend clause 6.1. to read,
 “6.1. The requirements and procedures set out in Annexes 4 and 5 of Appendix A are acceptable for the purposes of demonstrating compliance with the technical requirements of this rule.”
4. Amend clause 7. ALTERNATIVE STANDARDS, subclause 7.1. and 7.2. to read,
 “7.1. The technical requirements of any of the editions of United Nations Regulation No. 56 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOPEDS AND VEHICLES TREATED AS SUCH.
 7.2. The technical requirements of United Nations Regulation No. 76/00 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOPEDS EMITTING A DRIVING BEAM AND A PASSING BEAM.”
5. Amend APPENDIX A, Title to read,

“APPENDIX A

UN REGULATION No. 56/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOPEDS AND VEHICLES TREATED AS SUCH’

6. Amend Appendix A paragraph 8.1. to read,

“.....

Selective-yellow filter (screen or lens)

Limit towards red	$y \geq 0.138 + 0.58x$
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Limit towards green	$y \leq 1.29x - 0.1$
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Limit towards white	$y \leq -x + 0.966$
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Limit towards spectral value	$y \leq -x + 0.992$
------------------------------	---------------------

which can also be expressed as follows:

dominant wave-length	575 - 585 nm
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purity factor	0.90 - 0.98
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The transmission factor must be	≥ 0.78
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....”

Schedule 14 – Amendment

Vehicle Standard (Australian Design Rule 55/00 – Headlamps for Motor Cycles) 2006

1. Amend clause 2.1. to read,
 - “2.1. The circumstances under which headlamps for motorcycles are mandatory, optional or prohibited are set out in either ADRs 19/... or 67/...”
2. Amend clause 4.1. to read,
 - “4.1. Headlamps fitted to vehicles in accordance with ADRs 19/.. or 67/.. and required to comply with this ADR must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements;
 - or
 - b) One of the alternative standards set out in part 7. Alternative Standards.”
3. Amend clause 7. ALTERNATIVE STANDARDS, to read,
 - “7.1. The technical requirements of any of the editions of United Nations Regulation No. 57 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOTOR CYCLES AND VEHICLES TREATED AS SUCH.
 - 7.2. The technical requirements of United Nations Regulation No. 72/00 – UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOTORCYCLES EMITTING AN ASYMMETRICAL PASSING AND A DRIVING BEAM AND EQUIPPED WITH HALOGEN HEADLAMPS (HS₁).
 - 7.3. The technical requirements of JIS D5500-1995 “Lighting and Signalling Equipment for Automobiles” FOR ASYMMETRIC Grade C1 headlamps and
 - 7.4. The technical requirements of SAE J584, December 1983 or SAE J584, April 1964 “Motorcycle Headlamps”
4. Amend APPENDIX A title to read,

“APPENDIX A

UN REGULATION No. 57/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMPS FOR MOTOR CYCLES AND VEHICLES TREATED AS SUCH”

5. Amend footnote 5 in Appendix A to read
 - “^{5/} 1 for Germany, 2 for France, 3 for Italy, 4 for the Netherlands, 5 for Sweden, 6 for Belgium, 7 for Hungary, 8 for the Czech Republic, 9 for Spain, 10 for Yugoslavia, 11 for the United Kingdom, 12 for Austria, 13 for Luxembourg, 14 for Switzerland, 15 (vacant), 16 for Norway, 17 for Finland, 18 for Denmark, 19 for Romania, 20 for Poland, 21 for Portugal, 22 for the Russian Federation, 23 for Greece, 24 (vacant), 25 for Croatia, 26 for Slovenia, 27 for Slovakia, 28 for

Belarus and 29 Estonia, 30 (vacant), 31 for Bosnia and Herzegovina, 32-36 (vacant), 37 for Turkey, 38-39 (vacant) and 40 for The former Yugoslav Republic of Macedonia. Subsequent numbers shall be assigned to other countries in the chronological order in which they ratify or accede to the Agreement Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions, and the numbers thus assigned shall be communicated by the Secretary-General of the United Nations to the Contracting Parties to the Agreement.”

Schedule 15 – Amendment

Vehicle Standard (Australian Design Rule 60/00 – Centre High Mounted Stop Lamps) 2006

1. Amend C.2. to read,

“C.2. Applicability table

Vehicle Category	ADR Category Code	UN Category Code*	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	Not applicable	

...”

2. Amend clause 60.5.2. to read,

“60.5.2. The technical requirements for Category S3 stop lamps in United Nations Regulation 7/02 read with supplement 2 to the 02 series of amendments and installed in accordance with United Nations Regulation 48/01.”

Schedule 16 – Amendment

Vehicle Standard (Australian Design Rule 67/00 – Installation of Lighting and Light Signalling Devices on Three-Wheeled Vehicles) 2006

1. Insert new clause 3.3. to read,
“3.3. Vehicles certified to ADR 19/.. need not comply with this rule.”
2. Renumber clause “3.3. Applicability table” to “3.4. Applicability table.”
3. Amend 3.4. to read,
“3.4. Applicability table

Vehicle Category	ADR Category Code	UN Category Code	Manufactured on or After	Acceptable Prior Rules
Moped 2 wheels	LA	L1	Not applicable	

...”

Schedule 17 – Amendment

Vehicle Standard (Australian Design Rule 74/00 – Side Marker Lamps) 2006

1. Amend clause 8.1. to read,
“8.1. The technical requirements of United Nations Regulation No. 91 -
UNIFORM PROVISIONS CONCERNING THE APPROVAL OF SIDE
MARKER LAMPS FOR MOTOR VEHICLES AND THEIR TRAILERS,
incorporating the 00 series of amendments are deemed to be equivalent to
the technical requirements of this standard.”
2. Insert a new clause 8.2. to read,
“8.2 the general and side marker lamps requirements in Vehicle Standard
(Australian Design Rule 45/00 – Lighting and Light Signalling Devices not
covered by ECE) 2006.”

Schedule 18 – Amendment

Vehicle Standard (Australian Design Rule 75/00 – Headlamp Cleaners) 2009

1. Amend clause 4.1. to read,
“4.1. Headlamp cleaners fitted to vehicles in accordance with ADR 13/..and required to comply with this ADR must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions; or
 - b) The alternative standards set out in part 7. Alternative Standards.”

2. Amend clause 7.1. to read,
“7.1 The technical requirements of United Regulation No. 45 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMP CLEANERS AND OF POWER-DRIVEN VEHICLES WITH REGARD TO HEADLAMP CLEANERS including any of the versions in the 01 series of amendments.”

3. Amend APPENDIX A, Title to read

“APPENDIX A

UN REGULATION No. 45/01

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMP CLEANERS AND OF POWER-DRIVEN VEHICLES WITH REGARD TO HEADLAMP CLEANERS”

Schedule 19 – Amendment

Vehicle Standard (Australian Design Rule 76/00 – Daytime Running Lamps) 2006

1. Amend clause 4.1. to read,
“4.1. Daytime running lamps fitted to vehicles in accordance with ADRs 13/.., 19/.. or 67/.. and required to comply with this ADR, must comply with either:
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) The alternative standards set out in part 7. Alternative Standards.”
2. Amend clause 7.1. to read,
“7.1. The technical requirements of the United Nations Regulation No. 87 –
UNIFORM PROVISIONS CONCERNING THE APPROVAL OF
DAYTIME RUNNING LAMPS FOR POWER-DRIVEN VEHICLES.”
3. Amend APPENDIX A, Title to read,
“**APPENDIX A**

UN REGULATION NO. 87/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF DAYTIME
RUNNING LAMPS FOR POWER-DRIVEN VEHICLES”

Schedule 20 – Amendment

Vehicle Standard (Australian Design Rule 77/00 – Gas Discharge Headlamps) 2006

1. Amend clause 2.1. to read,
“2.1. The circumstances under which gas discharge headlamps are mandatory, optional or prohibited are set out in either ADRs 13/.., 19/.. or 67/...”
2. Amend clause 4.1. to read,
“4.1. Gas discharge headlamps fitted to vehicles in accordance with ADRs 13/.., 1/.. or 67/.. and required to comply with this ADR, must comply with either:
a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
b) The alternative standards set out in part 7. Alternative Standards.”
3. Amend clause 7.1. to read,
“7.1. The technical requirements of United Nations Regulation No. 98 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EQUIPPED WITH GAS-DISCHARGE LIGHT SOURCES.”
4. Amend APPENDIX A, Title to read,
“...UN REGULATION No. 98/00...”

Schedule 21 – Amendment

Vehicle Standard (Australian Design Rule 78/00 – Gas Discharge Light Sources) 2006

1. Amend clause 2.1. to read,
“2.1. The circumstances under which gas discharge light sources can be used in gas discharge headlamps as set out in ADR 50/.. or 77/..”
2. Amend clause 4.1. to read,
“4.1. Lamps fitted with gas discharge light sources in accordance with lamp ADRs and required to comply with this ADR, must comply with either
 - a) The technical requirements of Appendix A as varied by part 5. Exemptions and Alternative Procedures and part 6. Supplementary General Requirements; or
 - b) The alternative standards set out in part 7. Alternative Standards.”
3. Amend clause 7.1. to read,
“7.1. The technical requirements of any editions of the United Nations Regulation No. 99 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF GAS-DISCHARGE LIGHT SOURCES FOR USE IN APPROVED GAS-DISCHARGE LAMP UNITS OF POWER-DRIVEN VEHICLES.”
4. Amend APPENDIX A, Title to read,

“APPENDIX A

UN REGULATION No. 99/00

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF GAS-DISCHARGE LIGHT SOURCES FOR USE IN APPROVED GAS-DISCHARGE LAMP UNITS OF POWER-DRIVEN VEHICLES”