



# Vehicle Standard (Australian Design Rule 79/03 — Emission Control for Light Vehicles) 2011

I, ANTHONY NORMAN ALBANESE, Minister for Infrastructure and Transport, determine this vehicle standard under subsection 7 of the *Motor Vehicle Standards Act 1989*.

Dated 14 September 2011

ANTHONY NORMAN ALBANESE

Minister for Infrastructure and Transport

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### 0.1 NAME OF STANDARD

0.1.1 This Standard is the *Vehicle Standard (Australian Design Rule 79/03 — Emission Control for Light Vehicles) 2011*.

0.1.2 This Standard may also be cited as ADR 79/03.

### 0.2 COMMENCEMENT

0.2.1 This Standard commences on the day after it is registered.

### 1 SCOPE

1.1 This vehicle standard prescribes the exhaust and evaporative emissions requirements for light vehicles in order to reduce air pollution.

### 2 APPLICABILITY AND IMPLEMENTATION

2.1 This vehicle standard is applicable to all M and N category vehicles with a Gross Vehicle Mass less than or equal to 3.5 tonnes, notwithstanding the reference mass provisions of paragraph 1.1 of Appendix A.

2.2 This vehicle standard applies from 1 November 2013 in relation to new model vehicles produced on or after 1 November 2013.

2.3 For the purposes of clause 2.2, a “new model vehicle” is a vehicle of a model first produced with a ‘*Date of Manufacture*’ on or after 1 November 2013.

2.4 To the extent of any inconsistency, the applicability date specified in clause 2.2 applies in lieu of any dates specified in Appendix A.

2.5 Vehicles which comply with ADR 79/04 need not comply with this vehicle standard.

### 3 DEFINITIONS

3.1 For the purposes of clause 2.3, “date of manufacture” means the date the vehicle is available in Australia in a condition which will enable an identification plate to be lawfully affixed to the vehicle.

## **4 REQUIREMENTS**

- 4.1 Vehicles which comply with the emissions limits and technical requirements of Appendix A of this vehicle standard, including all the applicable tests specified in paragraph 5.2 of Appendix A, and as varied by Part 5 of this vehicle standard, will be accepted as complying with this vehicle standard.

## **5 EXEMPTIONS AND ALTERNATIVE PROCEDURES**

- 5.1 The following provisions of Appendix A do not apply to this vehicle standard:

Section 3	Application for Approval
Section 4	Approval
Section 6	Modifications of the vehicle type
Section 8	Conformity of production
Section 9	In-service conformity
Section 10	Penalties for non-conformity of production
Section 11	Production definitely discontinued
Section 12	Transitional provisions
Section 13	Names and addresses of technical services responsible for conducting approval tests, and of administrative departments
Appendix 1	Procedure for verifying the conformity of production requirements if the production standard deviation given by the manufacturer is satisfactory
Appendix 2	Procedure for verifying the conformity of production requirements if the production standard deviation given by the manufacturer is either not satisfactory or not available
Appendix 3	In-service conformity check
Appendix 4	Statistical procedure for in-service conformity check
Appendix 5	Responsibilities for in service conformity
Annex 1	Engine and vehicle characteristics and information concerning the conduct of tests
Annex 2	Communication
Annex 3	Arrangements of the Approval Mark

- 5.2 In section 5 of Appendix A, the entire text and table regarding small volume manufacturers immediately following the heading “5. Specifications and tests” is deleted.
- 5.3 Notwithstanding that Section 8 and 9 and Appendices 1, 2, 3, 4 and 5 of Appendix A have been declared not applicable in clause 5.1 of this vehicle standard, the requirements and procedures set out in these appendices are deemed acceptable for the purposes of demonstrating compliance with the conformity requirements of this vehicle standard.

- 5.4 The test procedures for measuring particulate mass emissions in Annex 4 of Appendix A of ADR 79/02 may be used in lieu of the test procedures for measuring particulate mass emissions in Annex 4a of Appendix A of this vehicle standard, and in that case a particulate mass emissions limit of 5mg/km will apply in lieu of the particulate mass emissions limit values specified in column L<sub>5</sub> of Table 1 of paragraph 5.3.1.4 of Appendix A.
- 5.5 Vehicles which operate on diesel are not required to comply with the limit values for the number of particles from compression ignition engines specified in column L<sub>6</sub> of Table 1 of paragraph 5.3.1.4 of Appendix A.
- 5.6 For the purposes of the Type VI test specified in paragraph 5.3.5 of Appendix A, flex fuel ethanol vehicles are only required to perform the Type VI test on the petrol (E5) reference fuel specified in the table to paragraph 1.1 of Annex 10 of Appendix A.
- 5.7 In the on-board diagnostics (OBD) threshold limits table in paragraph 3.3.2 of Annex 11 of Appendix A, footnote 2 is amended to read “PM threshold limit of 80 mg/km shall apply to vehicles of categories M and N with a reference mass greater than 1,760kg.”
- 5.8 Vehicles which operate on petrol are not required to comply with the requirement for monitoring the reduction in the efficiency of the catalytic converter with respect to NO<sub>x</sub> emissions specified in paragraph 3.3.3.1 of Annex 11 of Appendix A.
- 5.9 In Appendix 1 of Annex 11 of Appendix A, the entire text of paragraph 7 regarding in-use performance requirements for OBD systems is deleted.

## **6 ALTERNATIVE STANDARDS**

- 6.1 The technical requirements of United Nations Economic Commission for Europe Regulation No. 83 *Uniform provisions concerning the approval of vehicles with regard to the emissions of pollutants according to engine fuel requirements*, Revision 4, incorporating the 06 series of Amendments, are deemed to be equivalent to the technical requirements of this vehicle standard.